Bishop L see Appel LJ
Blackman SC: *Lesser Harms: The Morality of Risk in Medical Research* (Book Review) 626
Blackwelder WC see Morris CR
Blackwell RE: Estrogen, progestin, and urinary incontinence (letter) 2696
Blaney ME see Magid DJ
Blazing MA see Morrow DA
Bliese PD see Wright KM
Blitstein JL see Schlenger WE
Bloche MG see Jacobson PD
Bloise R see Napolitano C
Blondell JM see Alarcon WA; Calvert GM
Bloom BS: *Jonas and Kovner's Health Care Delivery in the United States* (Book Review) 1968
Blumberg HM, Leonard MK Jr, Jasmer RM: Update on the treatment of tuberculosis and latent tuberculosis infection, **293**:2776; correction, **294**:182
Blumenthal D see Topol EJ; Weissman JS
Blumenthal PD, Gaffikin L: Cervical cancer prevention: making programs more appropriate and pragmatic, 2225
Boari B see Manfredini R
Boedeker CC see Schiavi F
Boekhoom S see van Leeuwen R
Bogen D see Moses-Kolko EL
Boldrin M see Chanoine J-P
Bolland M see Grey A
Bolz J: The hard part, 2406
Bonds MH: *The End of Poverty: Economic Possibilities for Our Time* (Book Review) 1558
Bonner J see Douglas JA
Borrowman TA see Christenson LJ
Bosch X:
European researchers, drug companies join forces against rare diseases, 2014
Multiple Sclerosis: The History of a Disease (Book Review) 376
Bosworth HB see Cho AH
Botello SG see Belda FJ
Bottelli G see Napolitano C
Boult C see Boyd CM
Boult L see Boyd CM
Bouman C see Uchino S
Bower P see King M
Bowman SM, Zimmerman FJ, Christakis DA, Sharar SR, Martin DP: Hospital characteristics associated with the management of pediatric splenic injuries, 2611
Boyd CM, Darer J, Boult C, Fried LP, Boult L, Wu AW: Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance, 716
Bradley EH see Magid DJ
Bradley SF see Fowler VG Jr
Bradwin G see Ridker PM
Braga AA see Cook PJ
Brain EGC, Bachelot T, Serin D: Life-threatening complications from doxorubicin-docetaxel chemotherapy for breast cancer (letter) 2166
Brambs H-J see Hoffmann MHK
Branas CC, MacKenzie EJ, Williams JC, Schwab CW: Access to trauma centers (letter) 1760
Branco RG, Garcia PCR: Prone positioning in children with acute lung injury (letter) 2297
Bratzler DW: Quality improvement organizations and hospital care (letter) 2028
Braun MM see Izurieta HS
Braunwald E see Morrow DA; Sabatine MS
Bravaccini S see Sanchini MA
Braveman PA, Cubbin C, Egerter S, Chideya S, Marchi KS, Metzler M, Posner S: Socioeconomic status in health research: one size does not fit all, 2879
Bregar A see Moses-Kolko EL
Brender E:
Adrenal insufficiency, *JAMA* Patient Page, 2528
Frozen Section Biopsy, *JAMA* Patient Page, 3200
Medical research, *JAMA* Patient Page, 1454
Palliative sedation, *JAMA* Patient Page, 1850
Pancreatic cancer, *JAMA* Patient Page, 2934
Spleen, *JAMA* Patient Page, 2660
Standardized patients, *JAMA* Patient Page, 1172
Vitamin D, *JAMA* Patient Page, 2386
Brennan TA see Mello MM
Bressler J see Weil M
Brewer RD, Swahn MH: Binge drinking and violence, 616
Brewster WR, Hubbell FA, Largent J, Ziogas A, Lin F, Howe S, Ganiats TG, Anton-Culver H, Manetta A: Feasibility of management of high-grade cervical lesions in a single visit: a randomized controlled trial, 2182
Bridgeman S see Sweet K
Bridges CB see Keren R
Briel M see Montori VM
Brink I see Schiavi F
Brison R see Stiell IG
Brodkey AC see Sierles FS
Brody BA, McCullough LB, Sharp RR: Consensus and controversy in clinical research ethics, 1411
Brook RD see Sun Q
Brophy JM: Selling safety—lessons from muraglitazar, 2633
Brotherton SE, Rockey PH, Etzel SI: US graduate medical education, 2004-2005: trends in primary care specialties, 1075
Brown GK, Ten Have T, Henriques GR, Xie SX, Hollander JE, Beck AT:
Cognitive therapy and preventing suicide attempts (letter) 2848
Cognitive therapy for the prevention of suicide attempts: a randomized controlled trial, 563
Brown KE see Mamyrova G
Brown ST see Weinberg GA
Brown WA: *Generation Rx: How Prescription Drugs Are Altering American Lives, Minds, and Bodies* (Book Review) 2639
Brugnara C see Ullrich C
Bryant DM see Montori VM
Brzyski RG see Ockene JK
Bucher HC see Montori VM
Buchta M see Schiavi F
Budabbus MA see Visco-Comandini U
Burdick J see Montgomery RA
Burger AJ: Risk of death with nesiritide (letter) 897
Burgess JJ see Mitchell LB
Burgin WS see Holloway RG
Buring JE see Cook NR; Lee I-M; Park Y; Ridker PM
Burns KEA, Chu MWA, Novick RJ, Fox SA, Gallo K, Martin CM, Stitt LW, Heidenheim AP, Myers ML, Moist L: Perioperative *N*-acetylcysteine to prevent renal dysfunction in high-risk patients undergoing CABG surgery: a randomized controlled trial, 342
Burns KEA see Montori VM

C

Cabell CH see Fowler VG Jr
Cadwell BL see Gregg EW
Cagle PT see Gal AA
Caldes T see Pasche B
Califf RM see Mahaffey KW; Morrow DA; Shah MR
Calistri D see Sanchini MA
Calvert GM, Alarcon WA, Blondell JM: Pesticide exposure at schools and acute illnesses (letter) 2431
Calvert GM see Alarcon WA
Camicioli R: *The Ethical Brain* (Book Review) 1970
Campbell EG: *Health Security for All: Dreams of Universal Health Care in America* (Book Review) 1826
Campbell EG see Weissman JS
Campo R: "The medical humanities," for lack of a better term, 1009
Cannegieter SC, Rosendaal FR: Clinical factors and recurrent venous thrombotic events (letter) 1489
Cannon CP:
IDEAL Cholesterol: lower is better, 2492; correction, 2973
Cannon CP see Sabatine MS
Cannon L see Stone GW
Carbajal EV: Routine vs selective invasive strategies in acute coronary syndromes (letter) 2845
Carethers JM: Unwinding the heterogeneous nature of hamartomatous polyposis syndromes, 2498
Carey V see Appel LJ
Carlin BP see Asplin BR
Carnethon MR, Gulati M, Greenland P: Prevalence and cardiovascular disease correlates of low cardiorespiratory fitness in adolescents and adults, 2981
Carroll MD, Lacher DA, Sorlie PD, Cleeman JI, Gordon DJ, Wolz M, Grundy SM, Johnson CL: Trends in serum lipids and lipoproteins of adults, 1960-2002, 1773
Carskadon MA see Arnedt JT
Cartar L see Hack M
Carter D see Claus EB
Carvalho F see Cotrim HP
Casarett D, Karlawish J, Morales K, Crowley R, Mirsch T, Asch DA: Improving use of hospice services in nursing homes: a randomized controlled trial, 211
Casey CG, Iskander J, Roper MH, Mast EE, Wen X-J, Török TJ, Chapman LE, Swerdlow DL, Morgan J, Heffelfinger JD, Vitek C, Reef SE, Hasbrouck LM, Damon I, Neff L, Vellozzi C, McCauley M, Strikas RA, Mootrey G: Adverse events associated with smallpox vaccination in the United States, January-October 2003, 2734
Cass D see Stiell IG
Castro CA see Wright KM
Catalona WJ see Punglia RS
Cech TR: Fostering innovation and discovery in biomedical research, 1390
Cerrone M see Napolitano C
Chan AT, Fuchs CS: Long-term use of aspirin and risk of colorectal cancer (letter) 3090
Chan AT, Giovannucci EL, Meyerhardt JA, Schernhammer ES, Curhan GC, Fuchs CS: Long-term use of aspirin and nonsteroidal anti-inflammatory drugs and risk of colorectal cancer, 914
Chan ES-Y see Tan DS-W
Chan F, Motagi R, Thomas R: *Hospital Medicine* (Book Review) 3034
Chan L see Flum DR
Chan PKS see Cheng Y
Chang S see Izurieta HS
Chanoine J-P, Hampl S, Jensen C, Boldrin M, Hauptman J: Effect of orlistat on weight and body composition in obese adolescents: a randomized controlled trial, **293**: 2873; correction, **294**:1491
Chao J see Sierles FS
Chapman LE see Casey CG; Sejvar JJ
Chari S see Stolzenberg-Solomon RZ
Charleston J see Appel LJ
CHARM Investigators see Demers C
Cheadle A see Flum DR
Chee MWL: *The Cognitive Neurosciences III* (Book Review) 116
Chen AY see Alexander KP
Chen LC see Sun Q
Chen M-H see D'Amico AV
Cheng G see Cheng Y
Cheng HY: Hypertension in adults across age groups (letter) 2971
Cheng Y, Cheng G, Chui CH, Lau FY, Chan PKS, Ng MHL, Sung JJY, Wong RSM: ABO blood group and susceptibility to severe acute respiratory syndrome (research letter), **293**:1450; corrections, **294**:795, 795
Cheng YJ see Gregg EW
Cherniack NS: *The Academic Health Center: Leadership and Performance* (Book Review) 2770
Chi C see Ankerst DP; Thompson IM
Chideya S see Braveman PA
Chikamori T: Endocarditis from *Staphylococcus aureus* (letter) 2972
Chin DT see Doukas G
Chinushi M see Watanabe H
Cho AH, Jackson GL, Bosworth HB: Patient preference and validity of randomized controlled trials (letter) 41
Chong A see Lee DS
Chongsiriwatana KM: *Bodies* (new media review) 2770
Christakis DA see Bowman SM
Christenson LJ, Borrowman TA, Vachon CM, Tollefson MM, Otley CC, Weaver AL, Roenigk RK: Incidence of basal cell and squamous cell carcinomas in a population younger than 40 years, 681
Chu MWA see Burns KEA
Chui CH see Cheng Y
Chun C-A see Marshall GN
Cieslak PR see Lexau CA
Cintron A, Arnold RM: *Oxford Textbook of Palliative Medicine* (Book Review) 1698
Clarridge B see Weissman JS
Claus EB, Petruzella S, Matloff E, Carter D: *BRCA* mutations and ductal carcinoma in situ (letter) 554
Cleary LM see Sierles FS
Cleeman JI see Carroll MD
Clement CM see Stiell IG
Clopidogrel as Adjunctive Reperfusion Therapy (CLARITY)-Thrombolysis in Myocardial Infarction (TIMI) 28 Investigators see Sabatine MS
Cnattingius S, Torrång A, Ekbom A, Granath F, Petersson G, Lambe M: Pregnancy characteristics and maternal risk of breast cancer, 2474
Cobleigh M see Nanda R
Cochrane BB see Hendrix SL; Ockene JK
Coffin SE see Keren R
Cohen A see Koppel R
Cohen JJ, Siegel EK: Academic medical centers and medical research: the challenges ahead, 1367
Cohen M see Mahaffey KW
Cohen MH, d'Adesky A-C, Anastos K: Women in Rwanda: another world is possible, 613
Coit DG see Ferrone CR
Col JJ see Mahaffey KW
Colbert LH see Kritchevsky SB
Colditz GA see Park Y; Willett WC
Cole TB: Modern slavery a hidden crime in the US, 541
Cole TB, Glass RM: Mental illness and violent death: major issues for public health, 623

Collins ED, Kleber HD, Whittington RA, Heitler NE: Anesthesia-assisted vs buprenorphine- or clonidine-assisted heroin detoxification and naltrexone induction: a randomized trial, 903
Collins FS see Guttmacher AE
Collins V see Montgomery RA
Colombo A, Cosgrave J: Paclitaxel-eluting stents in complex lesions, 1268
Coltman CA see Thompson IM
Company R see Belda FJ
Conaway MR see Willson DF
Conlin PR see Appel LJ
Connolly CJ see Mitchell LB
Connor WE see Raitt M
Conti VR, Hunter GC: Gene therapy and vein graft patency in coronary artery bypass graft surgery, 2495
Cook DJ see Montori VM
Cook NR, Lee I-M, Gaziano JM, Gordon D, Ridker PM, Manson JE, Hennekens CH, Buring JE: Low-dose aspirin in the primary prevention of cancer: the Women's Health Study: a randomized controlled trial, 47
Cook NR see Lee I-M; Ridker PM
Cook PJ, Ludwig J, Braga AA: Criminal records of homicide offenders, 598
Cooke JP see Kielstein JT
Cooper M see Montgomery RA
Cope D see Mikhail N
Corey GR see Fowler VG Jr
Cosgrave J see Colombo A
Costa F see Van Cutsem E
Cotrim HP, Carvalho F, Siqueira AC, Lordelo M, Rocha R, De Freitas LAR: Nonalcoholic fatty liver and insulin resistance among petrochemical workers (research letter) 1618
Courcoulas AP, Flum DR: Filling the gaps in bariatric surgical research, 1957; correction, 2848
Crain AL see Asplin BR
Cresci S see Lanfear DE
Crnobarić C see Başoğlu M
Crosby SS, Rourke EJ, Warfa MA: Fasting and medical issues during Ramadan (letter) 1618
Crouch M see Arnedt JT
Crowley JJ see Thompson IM
Crowley R see Casarett D
Crown J see Martin M
CRUSADE Investigators see Alexander KP
Crystal S: *Medicare Matters: What Geriatric Medicine Can Teach American Health Care* (Book Review) 2238
Cubbin C see Braveman PA
Cummings S see Nanda R
Cunha BA: *Fever of War: The Influenza Epidemic in the US Army During World War I* (Book Review) 113
Curhan GC see Chan AT; Winkelmayer WC
Curley MAQ, Hibberd PL, Barr FE, Cvijanovich NZ, Matthay MA, Arnold JH: Prone positioning in children with acute lung injury (letter) 2297
Curley MAQ, Hibberd PL, Fineman LD, Wypij D, Shih M-C, Thompson JE, Grant MJC, Barr FE, Cvijanovich NZ, Sorce L, Luckett PM, Matthay MA, Arnold JH: Effect of prone positioning on clinical outcomes in children with acute lung injury: a randomized controlled trial, 229
Curns AT see Fry AM
Currier D see Mann JJ
Curtis JP see Magid DJ
Cushman WC see Berlowitz DR
Cvijanovich NZ see Curley MAQ
Cybulla M see Schiavi F

D

Dacey LJ, Johnstone DW: Reducing the risk of lung cancer, 1550
d'Adesky A-C see Cohen MH
Dagan R, Leventhal A, Anis E, Slater P, Ashur Y, Shouval D: Incidence of hepatitis A in Israel following universal immunization of toddlers, 202
Dagerman KS see Schneider LS
D'Agostino RB Sr see Murabito JM
Dahut WL see Sharifi N
D'Amico AV, Renshaw AA, Sussman B, Chen M-H: Pretreatment PSA velocity and risk of death from prostate cancer following external beam radiation therapy, 440
D'Amico AV see Punglia RS
Damon I see Casey CG
Dangovian MI see Jarski RW
Danila R see Lexau CA
Darer J see Boyd CM
Darling E see Montori VM
DaRosa DA see Fleming VM
Das R: Regulation of medical marijuana (letter) 3091
Das R see Alarcon WA
Davidoff F see Rubenstein L
Davis DP, Wish JR: Access to trauma centers (letter) 1759
Davis MM: Varicella vaccine, cost-effectiveness analyses, and vaccination policy, 845
Davis SQ see Fletcher KE
Davis SR, Davison SL, Donath S, Bell RJ: Circulating androgen levels and self-reported sexual function in women, 91
Self-reported sexual function in women and androgen levels (letter) 2168
Davison SL see Davis SR
Dawson D, Zee P: Work hours and reducing fatigue-related risk: good research vs good policy, 1104
Day KY, May TA, Hammer H: Family physicians and options for childbirth care (letter) 793
De Freitas LAR see Cotrim HP
de Haan GG see Smits M
de Jong PTVM see van Leeuwen R
de la Chapelle A see Pasche B
de Lemos JA see Morrow DA
de Lezo JS see Kastrati A
De Luca G, Suryapranata H, Klinieken I: Abciximab in the treatment of ST-segment elevation myocardial infarction (letter) 1761
De Luca L, Sardella G: Tirofiban plus sirolimus-eluting stent vs abciximab plus bare-metal stent (letter) 1617
De Souza M see Denny L
DeAngelis CD: Rainbow to dark clouds, 1107
DeAngelis CD see Fontanarosa PB
Dekker HM see Smits M
Delaney JAC see Dial S; Filion KB
Dellinger EP: Increasing inspired oxygen to decrease surgical site infection: time to shift the quality improvement research paradigm, 2091
Dellinger EP see Flum DR
DeMaio S see Stone GW
Demers C, McMurray JJV, Swedberg K, Pfeffer MA, Granger CB, Olofsson B, McKelvie RS, Östergren J, Michelson EL, Johansson PA, Wang D, Yusuf S, CHARM Investigators: Impact of candesartan on nonfatal myocardial infarction and cardiovascular death in patients with heart failure, 1794
Denny L, Kuhn L, De Souza M, Pollack AE, Dupree W, Wright TC Jr: Screen-and-treat approaches for cervical cancer prevention in low-resource settings: a randomized controlled trial, 2173
Desai A see Montgomery RA
DeSilvio ML see Zietman AL
Detmer DE see Safran C
Detsky ME, Sivilotti MLA, Kopp A, Austin PC, Juurlink DN: Deliberate self-poisoning in Ontario following the terrorist attacks of September 11, 2001 (research letter) 1900
Devereaux PJ see Montori VM
DeWeese TL, Song DY: Radiation dose escalation as treatment for clinically localized prostate cancer: is more really better? 1274
Dewey M: Coronary angiography with multislice computed tomography (letter) 2298
Dhatariya K: Self-reported sexual function in women and androgen levels (letter) 2167
Di Cristofano A see Pasche B
Dial S, Delaney JAC, Barkun AN, Suissa S: Use of gastric acid–suppressive agents and the risk of community-acquired *Clostridium difficile*–associated disease, 2989
Dibra A see Kastrati A
DiCarlo JV see Willson DF
Ding EL: Underweight, overweight, obesity, and excess deaths (letter) 552
Dippel DWJ see Smits M
Distant DA see Merion RM
Doig GS see Uchino S
Dolan ME see Pasche B
Donath S see Davis SR
Donnelly S see Samore MH
Dorey FJ see Freedland SJ
Dorian P see Strauss MH
Dorsey ER see Moses H III
Douglas JA, Gruber SB, Meister KA, Bonner J, Watson P, Krush AJ, Lynch HT: History and molecular genetics of Lynch syndrome in family G, 2195
Doukas G, Samani NJ, Alexiou C, Oc M, Chin DT, Stafford PG, Ng LL, Spyt TJ: Left atrial radiofrequency ablation during mitral valve surgery for continuous atrial fibrillation: a randomized controlled trial, 2323
Drake C see Molenberghs G
Drey EA see Lee SJ
Dreyer J see Stiell IG
Drotar D see Hack M
Dubey P see Moser HW
Dudley RA: Pay-for-performance research: how to learn what clinicians and policy makers need to know, 1821
Dugan NL: To Mnemosyne, 1737
Dunavan CP: Confidentiality and "Jambo, Jahi" (letter) 680
Dupree W see Denny L
Duquaine D see Sun Q
Durham SB see Baxter NN
Duric D see Başoğlu M

E

Ebell MH: Antibiotic prescribing for lower respiratory tract infection (letter) 2032
Eberle S see Kastrati A
Economy D: The vine and the branches, 880
Edwards RG: Lasker Foundation and recognition of scientific excellence, 1422
Egan EA see Willson DF
Egerter S see Braveman PA
Eggert CH see Montori VM
Ehiri JE: *The Day I Will Never Forget* (new media review) 627
Ehrich EW see Garbutt JC
Eisenberg D: *Traffic Safety* (Book Review) 746
Eisenberger M see Freedland SJ
Eisenhauer MA see Stiell IG
Ekbom A see Cnattingius S
El Gaylani N see Osman F
Eljhawi OA see Visco-Comandini U
Ellerbeck EF see Gold JA
Elliot TSJ see Fowler VG Jr
Elliott AM, Mpairwe H, Quigley MA, Nampijja M, Muhangi L, Muwanga M, Ndibazza J, Whitworth JAG, Oweka-Onyee J: Helminth infection during pregnancy and development of infantile eczema (research letter) 2032
Elliott MN see Marshall GN
Ellis SG see Stone GW
Elrod JAB see Flum DR
Emanuel EJ see Barton JH; Hampson LA; Sobolski GK; Wendler D
Eng C see Schiavi F; Sweet K
English M see Berkley J
Epstein AJ see Rathore SS
Epstein AM see Rosenthal MB
Epstein RM see Kravitz RL
Erlinger TP see Appel LJ
Erwin PJ see Montori VM
ESCAPE Investigators, ESCAPE Study Coordinators: Evaluation study of congestive heart failure and pulmonary artery catheterization effectiveness: the ESCAPE trial, 1625
ESCAPE Study Coordinators see ESCAPE Investigators
Espat NJ: *Skandalakis' Surgical Anatomy: The Embryologic and Anatomic Basis of Modern Surgery, vols 1 & 2* (Book Review) 1556
Esserman L see Nanda R
Etminan M see Takkouche B
Etzel SI see Barzansky B; Brotherton SE
European-American Paraganglioma Study Group see Schiavi F
Evans JC see Lloyd-Jones DM
Every N see Babaev A
Exner DV see Mitchell LB
Expósito JA see Masip J

F

Fabbri C see Sanchini MA
Faber J see Kistorp C
Fackenthal JD see Nanda R
Facklam R see Lexau CA
Fackler JC see Hunt EA
Faergeman O see Pedersen TR
Falik R: *Cecil Essentials of Medicine* (Book Review) 1113
Fan E, Needham DM, Stewart TE: Ventilatory management of acute lung injury and acute respiratory distress syndrome, 2889
Fang Y see St Clair DS
Farley MM see Lexau CA
Fayad ZA see Sun Q
Fee E: *75 Books From the Osler Library* (Book Review) 2769
Feigin RD: Prospects for the future of child health through research, 1373
Fein A see Ost D
Feinfeld DA: Resurrection of Stanley Kunitz, 2278
Feldkamp C see Tammemagi CM
Feldman MD see Kravitz RL

Feldman SE: *To Do No Harm: Ensuring Patient Safety in Health Care Organizations* (Book Review) 375
Feldmann TB: *Trained to Kill: Soldiers at War* (Book Review) 3144
Feng G see St Clair DS
Ferguson JJ III see Mahaffey KW
Ferland A see Mitchell LB
Fermaglich J: *Merritt's Neurology* (Book Review) 2097
Fernández R see Masip J
Ferrándiz L see Belda FJ
Ferris TG: *Universal Coverage: The Elusive Quest for National Health Insurance* (Book Review) 1556
Ferrone CR, Porat LB, Panageas KS, Berwick M, Halpern AC, Patel A, Coit DG: Clinicopathological features of and risk factors for multiple primary melanomas, 1647
Fibrinogen Studies Collaboration: Plasma fibrinogen level and the risk of major cardiovascular diseases and nonvascular mortality: an individual participant meta-analysis, 1799; correction, 2848
File TM Jr, Tan JS: Pneumonia in older adults: reversing the trend, 2760
Filion KB, Delaney JAC: Cognitive therapy and preventing suicide attempts (letter) 2847
Filosto M see Vattemi G
Fine J see Albertsen PC
Fineman LD see Curley MAQ
Finkelstein JA see Linder JA
Finne P, Reunanen A, Stenman S, Groop P-H, Grönhagen-Riska C: Incidence of end-stage renal disease in patients with type 1 diabetes, 1782
FitzGerald JM see Wang CS
Flanagin A see Fontanarosa PB
Flansbaum B: Clinical factors and recurrent venous thrombotic events (letter) 1489
Flegal KM, Graubard BI, Gail MH, Williamson DF: Underweight, overweight, obesity, and excess deaths (letter) 552
Flegal KM see Gregg EW
Fleisher MH: *Kaplan and Sadock's Comprehensive Textbook of Psychiatry, vols 1 & 2* (Book Review) 966
Fleming VM, Schindler N, Martin GJ, DaRosa DA: Separate and equitable promotion tracks for clinician-educators, 1101
Fletcher GF see Paterick TE
Fletcher KE, Underwood W III, Davis SQ, Mangrulkar RS, McMahon LF Jr, Saint S: Effects of work hour reduction on residents' lives: a systematic review, 1088
Flocke SA see Landers SH
Flood J see Granich RM
Flum DR, Salem L, Elrod JAB, Dellinger EP, Cheadle A, Chan L: Early mortality among Medicare beneficiaries undergoing bariatric surgical procedures, 1903
Flum DR see Courcoulas AP
Fodde R see Pasche B
Fontanarosa PB, DeAngelis CD: Conflicts of interest and independent data analysis in industry-funded studies (letter) 2576
Fontanarosa PB, DeAngelis CD, Hunt N: Medical research—state of the science, 1424
Fontanarosa PB, Flanagin A, DeAngelis CD: Reporting conflicts of interest, financial aspects of research, and role of sponsors in funded studies, 110
Foote F:
Bonded, 156
Local news, 16
The man in the wound, 3064
Ford CN: Evaluation and management of laryngopharyngeal reflux, 1534
Fordis M, King JE, Ballantyne CM, Jones PH, Schneider KH, Spann SJ, Greenberg SB, Greisinger AJ: Comparison of the instructional efficacy of Internet-based CME with live interactive CME workshops: a randomized controlled trial, 1043
Forrer F see Schiavi F
Fortes CQ see Fowler VG Jr
Foulkes WD, Hamel N, Klein K: *BRCA* mutations and ductal carcinoma in situ (letter) 553; correction, 1491
Fowler VG Jr: Endocarditis from *Staphylococcus aureus* (letter) 2972
Fowler VG Jr, Miro JM, Hoen B, Cabell CH, Abrutyn E, Rubinstein E, Corey GR, Spelman D, Bradley SF, Barsic B, Pappas PA, Anstrom KJ, Wray D, Fortes CQ, Anguera I, Athan E, Jones P, van der Meer JTM, Elliot TSJ, Levine DP, Bayer AS, ICE Investigators: *Staphylococcus aureus* endocarditis: a consequence of medical progress, **293:**3012; correction, **294:**900
Fox KAA see Morrow DA
Fox SA see Burns KEA
Frančišković T see Başoğlu M
Frank J see Sierles FS
Frank RG see Rosenthal MB
Frankel W see Pasche B
Frankenberg FR: Smoking cessation (letter) 2434
Franklyn JA, Sheppard MC, Maisonneuve P: Thyroid function and mortality in patients treated for hyperthyroidism, 71
Franks P see Kravitz RL
Franz CE see Kravitz RL
Franzson L see Steingrimsdottir L
Fraumeni JF Jr see Zahm SH
Frebourg T see Sweet K
Frederick PD see Babaev A
Freedland SJ, Humphreys EB, Mangold LA, Eisenberger M, Dorey FJ, Walsh PC, Partin AW: Risk of prostate cancer–specific mortality following biochemical recurrence after radical prostatectomy, 433
Freedland SJ, Humphreys EB, Mangold LA, Partin AW, Eisenberger M, Dorey FJ: Mortality following prostate cancer recurrence after radical prostectomy (letter) 2969
Freeman FR: *Nerve Endings: The Discovery of the Synapse* (Book Review) 745
French WJ see Magid DJ
Freudenheim JL see Park Y
Fried LF see Shlipak MG
Fried LP see Boyd CM
Friedrich MJ:
Neuroscience becomes image conscious as brain scans raise ethical issues, 781
Robert Langer, ScD—engineering medicine, 1609
Fritsche A see Stefan N
Fry AM, Shay DK, Holman RC, Curns AT, Anderson LJ: Trends in hospitalizations for pneumonia among persons aged 65 years or older in the United States, 1988-2002, 2712
Fuchs CS see Chan AT; Park Y
Fuster V see Gehi A; Sun Q

G

Gaby AR: Vitamin E supplementation, cardiovascular events, and cancer (letter) 425
Gaffikin L see Blumenthal PD
Gail MH see Flegal KM
Gal AA, Cagle PT: 100-year anniversary of the description of the frozen section procedure, 3135
Gallagher TH see Surbone A
Gallione C see Sweet K
Gallitelli M, Ungaro N, Addante LM, Procacci V, Silver NG, Sabbà C: Respiratory illness as a reaction to tropical algal blooms occurring in a temperate climate, **293:**2599; correction, **294:**44
Gallo K see Burns KEA
Ganiats TG see Brewster WR
Garbutt JC, Kranzler HR, O'Malley SS, Gastfriend DR, Silverman BL, Loewy JW, Ehrich EW, Pettinati HM: Naltrexone treatment for alcohol dependency (letter) 900
García de la Asunción J see Belda FJ
García PCR see Branco RG
Garg J see Mahaffey KW
Gass M see Ockene JK
Gastfriend DR: Physician substance abuse (letter) 427
Gastfriend DR see Garbutt JC
Gaziano JM see Cook NR; Lee I-M
Ge B see Longo DR
Gehi A, Haas D, Fuster V: Primary prophylaxis with the implantable cardioverter-defibrillator: the need for improved risk stratification, 958
Gerberding JL: Protecting health—the new research imperative, 1403
Gersh BJ see Sundt TM
Gibler WB see Alexander KP
Gibney N see Uchino S
Gibson CM see Alexander KP; Sabatine MS
Gillen DL see Santry HP
Giovannucci EL see Chan AT; Park Y
Girardi E see Visco-Comandini U
Gladwin MT see Morris CR; Pluta RM
Glass RM: Family physicians and options for childbirth care (letter) 793
Glass RM see Cole TB
Glass T see Weil M
Glassman P see Berlowitz DR
Gnecchi-Ruscone T: Earthquakes and Takotsubo cardiomyopathy (letter) 2169
Godtfredsen NS, Prescott E, Osler M: Effect of smoking reduction on lung cancer risk, 1505
Godwin M: *Evidence-Based Medicine and the Search for a Science of Clinical Care* (Book Review) 1429
Gold JA, Ellerbeck EF, Vogel RA: Quality improvement organizations and hospital care (letter) 2029
Goldbohm RA see Park Y
Golub RM: Medical education 2005: from allegory to Bull Moose, 1108
Gomez CF see Schiavi F
Goodman PJ see Thompson IM
Goodman SG see Mahaffey KW
Goodpaster BH see Kritchevsky SB
Gorantla VS: *Green's Operative Hand Surgery, vols 1 & 2* (Book Review) 968
Gordon D see Cook NR; Lee I-M
Gordon DJ see Carroll MD
Gortney JS, Porter KB: Risk of death with nesiritide (letter) 897
Gostin LO:
Medical marijuana, American federalism, and the Supreme Court, 842
Regulation of medical marijuana (letter) 3091
Supreme Court's influence on medicine and health: the Rehnquist court, 1986-2005, 1685
Goy J-J see Kastrati A
Grabenstein JD see Sejvar JJ
Graham AV see Landers SH
Graham S see Park Y
Granath F see Cnattingius S
Granger CB see Demers C
Granich RM, Oh P, Lewis B, Porco TC, Flood J: Multidrug resistance among persons with tuberculosis in California, 1994-2003, **293:**2732; correction, **294:**44
Grant MJC see Curley MAQ
Graubard BI see Flegal KM; Stolzenberg-Solomon RZ
Greenberg G see Stiell IG
Greenberg J: Underweight, overweight, obesity, and excess deaths (letter) 552
Greenberg JD see Stone GW
Greenberg SB see Fordis M
Greene FL see Jessup JM
Greenland P see Carnethon MR
Greer IA see Kaaja RJ
Gregg EW, Cheng YJ, Cadwell BL, Imperatore G, Williams DE, Flegal KM, Narayan KMV, Williamson DF: Secular trends in cardiovascular disease risk factors according to body mass index in US adults, **293:**1868; correction, **294:**182
Greisinger AJ see Fordis M
Grey A, Bolland M, Reid IR: Evaluation and treatment of primary hyperparathyroidism (letter) 2699
Griffin MR see Neuzil KM
Griffith PA see Henderson CL
Griffiths K see Berkley J
Grönhagen-Riska C see Finne P
Groop P-H see Finne P
Grove AS: Efficiency in the health care industries: a view from the outside, 490
Gruber SB see Douglas JA
Grundy SM see Carroll MD
Gu N see St Clair DS
Gulati M see Carnethon MR
Gulley JL see Sharifi N
Gunelli R see Sanchini MA
Gunn PW see Landers SH
Gunnarsson O see Steingrimsdottir L
Gupta R: *Atherothrombosis and Coronary Artery Disease* (Book Review) 1555
Gustafsson F see Kistorp C
Guttmacher AE, Collins FS: Realizing the promise of genomics in biomedical research, 1399
Guyatt GH see Montori VM

H

Haagenson L see Mamyrova G
Haas A see Mann JJ
Haas D see Gehi A
Haber P see Izurieta HS
Habermann EB see Baxter NN
Hack M, Taylor HG, Drotar D, Schluchter M, Cartar L, Andreias L, Wilson-Costello D, Klein N: Chronic conditions, functional limitations, and special health care needs of school-aged children born with extremely low-birth-weight in the 1990s, 318
Hack M, Taylor HG, Drotar D, Schluchter M, Wilson-Costello D, Klein N: Long-term outcomes for extremely low-birth-weight infants (letter) 2169
Haddadin B see Samore MH
Hadler J see Lexau CA
Haerer W see Hoffmann MHK
Halbach JL, Sullivan L: *To Err Is Human* 5 years later (letter) 1758
Hall C see Strickler HD

Hall JB: Searching for evidence to support pulmonary artery catheter use in critically ill patients, 1694
Hall P see Stone GW
Haller K: Acting and clinical empathy (letter) 39
Halpern AC see Ferrone CR
Halpern SD: HIV testing without consent in critically ill patients, 734
Hamel N see Foulkes WD
Hamm RF: *Alcoholism in America: From Reconstruction to Prohibition* (Book Review) 2505
Hammer H see Day KY
Hampel H see Pasche B
Hampl S see Chanoine J-P
Hampson LA, Emanuel EJ: Physicians advising investment firms (letter) 1897
Hampton T:
Agencies speak out on rape in Darfur, 542
Alcohol and cancer, health care agencies, 1481
Animal genome sequencing, health agencies update, 418
Anonymity of gamete donations debated, 2681
Bats may be SARS reservoir, 2291
Biomedical journals probe peer review, 2287
Brain and behavior, health agencies update, 893
Cancer drug and progeria, health agencies update, 2016
Cancer survivors need better care: new report makes recommendations, 2959
Cancer treatment's trade-off: years of added life can have long-term costs, 167
Cardiac device safety, health agencies update, 2564
Cervical cancer, health agencies update, 893
Clinical trials point to complexities of chemoprevention for cancer, 29
Clues to gene activity in inflammation found, 1608
Electronic drug labels, health agencies update, 3075
Electronic records, health agencies update, 2564
Equine influenza jumps to canines, 2015
Experts address risk of physician suicide, 1189
Experts ponder pediatric research ethics, 2148
Family health history, health agencies update, 3075
FDA official resigns, health agencies update, 1481
Fentanyl patch advisory, health agencies update, 893
Gene fusion found in prostate cancer, 2832
HIV screening advice, health agencies update, 418
Isotretinoin risks, health agencies update, 1481
Jeremy Berg, PhD: heading up a "catch-all" research institute, 2685
Malaria vaccine clue, health agencies update, 418
MicroRNAs move into cancer research, 411
Nanotechnology safety, health agencies update, 2564
NIH eases ethics rules on employees: consulting ban to remain, 1749
Opening shuttered hospitals, health agencies update, 2016
Ovarian cancer tests, health agencies update, 3075
Pharmacogenetics research, health agencies update, 2564
Researchers discover a range of factors undermine sperm quality, male fertility, 2829
Researchers size up nanotechnology risks, 1881
Schizophrenia forum, health agencies update, 3075
Scientists confront cloning challenges, 782
Secondhand smoke effects, health agencies update, 2016
Skin cancer's ranks rise: immunosuppression to blame, 1476
Staph genes studied, health agencies update, 2016
Study reveals mitochondrial role in aging, 672
Surgical complications, health agencies update, 1481
Treating chronic insomnia, health agencies update, 418
Vaccines against Ebola and Marburg viruses show promise in primate studies, 163
Weight-loss surgeries up, health agencies update, 893
Hampton T see Kuehn BM
Han JK: Malignant neglect, 2546
Handa VL see Hendrix SL
Hankins G see MacLennan A
Hanley JA see Albertsen PC
Hannah E see Samore MH
Hao Y see Jemal A
Hargraves JL see Pham HH
Häring H-U see Stefan N
Harnack L see Park Y
Harpaz R see Zhou F
Harris A see Henry DA
Harris TB see Kritchevsky SB
Harrison LH see Lexau CA
Harrison MI, Young S: Computers and clinical work (letter) 181
Hartman AM see Park Y
Hasbrouck LM see Casey CG
Hashkes PJ, Laxer RM: Medical treatment of juvenile idiopathic arthritis, 1671
Haslam N see Porter M
Hasselblad V see Shah MR
Hauptman J see Chanoine J-P
Haydel MJ: Clinical decision instruments for CT scanning in minor head injury, 1551
Hayes JM, Walczak H, Prochazka A: Comparison of drug regimen costs between the Medicare prescription discount program and other purchasing systems (research letter) 427
Haynes BE: Acute coronary syndromes and regionalization of care (letter) 304
Hays J see Ockene JK
Hazen SL see Morris CR
Hazin R: *The Healer* (Book Review) 966
He L see St Clair DS
Heard K, Bebarta VS, Lowenstein SR: Methodological standards in human vs animal clinical trials (letter) 40
Hébert P: *Medical Errors and Medical Narcissism* (Book Review) 115
Heckerling PS: Contradictions in highly cited clinical research (letter) 2695
Heffelfinger JD see Casey CG
Hegedus SM: Computerized physician order entry systems and medication errors (letter) 179
Hegerl U see Mann JJ
Heidenheim AP see Burns KEA
Heinz J see Sweet K
Heinzer R see Ost D
Heitler NE see Collins ED
Henderson CL, Griffith PA: *The Journal of Men's Health and Gender* (Journal Review) 970
Hendin H see Mann JJ
Hendrix SL, Nygaard IE, Cochrane BB, Handa VL, Barnabei VM, Iglesia C, Aragaki A, Naughton MJ, Wallace RB, McNeeley SG: Estrogen, progestin, and urinary incontinence (letter) 2697
Hennekens CH see Cook NR; Lee I-M
Henriques GR see Brown GK
Henry DA, Hill SR, Harris A: Drug prices and value for money: the Australian Pharmaceutical Benefits Scheme, 2630
Henry SG: Playing doctor, 2138
Hering BJ, Sutherland DER: Single-donor islet transplantation for diabetes (letter) 1488
Hernandez LM see Schabath MB
Herrera G see Keren R
Herrin J see Magid DJ
Hewett JE see Longo DR
Hibberd PL see Curley MAQ
Hightower KR see Jarski RW
Hildebrandt P see Kistorp C
Hill LD, Madara JL: Role of the urban academic medical center in US health care, 2219
Hill SR see Henry DA
Hiller JM see Montgomery RA
Hinton L see Kravitz RL
Hirshbein LD: *Madhouse: A Tragic Tale of Megalomania and Modern Medicine* (Book Review) 968
Hochman JS see Babaev A
Hoen B see Fowler VG Jr
Hoffman FA: *Copeland's Cure: Homeopathy and the War Between Conventional and Alternative Medicine* (Book Review) 1829
Hoffman RS see Kirrane BM
Hoffmann MHK: Coronary angiography with multislice computed tomography (letter) 2298
Hoffmann MHK, Shi H, Schmitz BL, Schmid FT, Lieberknecht M, Schulze R, Ludwig B, Kroschel U, Jahnke N, Haerer W, Brambs H-J, Aschoff AJ: Noninvasive coronary angiography with multislice computed tomography, **293:** 2471; correction, **294:**1208
Hoffmann MM see Schiavi F
Hofman A see van Leeuwen R
Hofman PAM see Smits M
Hoge CW see Wright KM
Hogness CG: Severe malnutrition assessment in children in rural Kenya (letter) 2577
Hollander JE see Brown GK
Holloway RG, Benesch CG, Burgin WS, Zentner JB: Prognosis and decision making in severe stroke, 725
Holman RC see Fry AM
Holme I see Pedersen TR
Holroyd B see Stiell IG
Honda Y see Sato Y
Houp J see Montgomery RA
Howe S see Brewster WR
Hu FB see van Dam RM; Willett WC
Huang C-C see Pasche B
Hubbell FA see Brewster WR
Huey RB, Ward PD: Climbing a triassic Mount Everest: into thinner air (research letter) 1761
Hughes R: *Cancer: Principles and Practice of Oncology* (Book Review) 747
Hulbert-Shearon TE see Merion RM
Humphreys EB see Freedland SJ
Hunink MGM see Smits M
Hunt EA, Schwartz JM, Fackler JC: Surfactant and pediatric acute lung injury (letter) 898
Hunt N see Fontanarosa PB
Hunter DJ see Park Y
Hunter GC see Conti VR
Hviid A, Wohlfahrt J, Stellfeld M, Melbye M: Childhood vaccination and nontargeted infectious disease hospitalization, 699
Hyams KC see Wessely S
Hyder AA, Reinke W: *Understanding the Global Dimensions of Health* (Book Review) 3145

I

Iacopino V see Rubenstein L
Iacovelli W see Vattemi G
ICE Investigators see Fowler VG Jr
IDEAL Study Group see Pedersen TR
Iglesia C see Hendrix SL
Imperatore G see Gregg EW
Imrey P see Molenberghs G
Indridason OS see Steingrimsdottir L
Ingelsson E, Sundström J, Arnlöv J, Zethelius B, Lind L: Insulin resistance and congestive heart failure (letter) 2578
Insulin resistance and risk of congestive heart failure, 334
Insel P see Schneider LS
Insel TR, Quirion R: Psychiatry as a clinical neuroscience discipline, 2221
Ioannidis JPA:
Contradicted and initially stronger effects in highly cited clinical research, 218
Contradictions in highly cited clinical research (letter) 2696
Ippolito G see Visco-Comandini U
Iskander J see Casey CG; Izurieta HS; Sejvar JJ
Israel CM Jr:
After reading Su Shih's elegy for his friend, 2135
In the delivery room, 2948
Iwamoto J see Sato Y
Izurieta HS, Haber P, Wise RP, Iskander J, Pratt D, Mink CA, Chang S, Braun MM, Ball R: Adverse events reported following live, cold-adapted, intranasal influenza vaccine, 2720; correction, 3092

J

Jackson GL see Cho AH
Jacobs BR see Willson DF
Jacobs DR Jr see Park Y
Jacobs EJ, Thun MJ: Low-dose aspirin and vitamin E: challenges and opportunities in cancer prevention, 105
Jacobson PD, Bloche MG: Improving relations between attorneys and physicians, 2083
Jacobstein R: The taj, 658
Jahnke N see Hoffmann MHK
Jan de Beur SM: Tumor-induced osteomalacia, 1260
Jantunen KI: *Ferri's Clinical Advisor: Instant Diagnosis and Treatment 2006* (Book Review) 3146
Januszewicz A see Schiavi F
Jarolim P see Morrow DA
Jarrett T see Montgomery RA
Jarski RW, Hightower KR, Dangovian MI: Vitamin E supplementation, cardiovascular events, and cancer (letter) 425
Jasmer RM see Blumberg HM
Jefferson LS see Willson DF
Jemal A, Ward E, Hao Y, Thun MJ: Trends in the leading causes of death in the United States, 1970-2002, 1255
Jencks SF: Quality improvement organizations and hospital care (letter) 2028
Jenders RA: Classification of psychiatric disorders (letter) 1899
Jensen C see Chanoine J-P
Jenwitheesuk E, Samudrala R: Identification of potential multitarget antimalarial drugs, 1490
Jessup JM, Stewart A, Greene FL, Minsky BD: Adjuvant chemotherapy for stage III colon cancer: implications of race/ethnicity, age, and differentiation, 2703
Jimbo M: Antibiotic prescribing for low respiratory tract infection (letter) 3089
Jin X see Sun Q
Johansson PA see Demers C
Johns MME see Ludmerer KM
Johnson CL see Carroll MD
Johnstone DW see Dacey LJ
Jones P see Fowler VG Jr
Jones PG see Lanfear DE

Jones PH see Fordis M
Jumaan AO see Zhou F
Juurlink DN see Detsky ME; Lee DS

K

Kaaja RJ, Greer IA: Manifestations of chronic disease during pregnancy, 2751
Kachnic L see Small W Jr
Kahn J: *American Bioethics: Crossing Human Rights and Health Law Boundaries* (Book Review) 628
Kaklamani V see Pasche B
Kanig SP see Bierstock S
Kanna B, Almadi R: Mechanical reperfusion more than 12 hours after acute myocardial infarction (letter) 2031
Kanoko T see Sato Y
Karlawish J see Casarett D
Kastelein JJ see Pedersen TR
Kastrati A, Dibra A, Eberle S, Mehilli J, de Lezo JS, Goy J-J, Ulm K, Schömig A: Sirolimus-eluting stents vs paclitaxel-eluting stents in patients with coronary artery disease: meta-analysis of randomized trials, 819
Kastrati A see Schömig A
Kato GJ see Morris CR
Kato I see Park Y
Katz R see Shlipak MG
Kaufman ES: Efficient genotyping for congenital long QT syndrome, 3027
Kaufman JL: Smoking cessation (letter) 2434
Kavanagh BP: Prone positioning in children with ARDS: positive reflections on a negative clinical trial, 248
Kavoussi L see Montgomery RA
Kawecki A see Schiavi F
Kaye BA, Weinstein J: Neonatal signs after in utero exposure to selective serotonin reuptake inhibitors (letter) 2299
Keillor A, Morgenstern D: Computerized physician order entry systems and medication errors (letter) 178
Keiler RC: *Disease and Democracy: The Industrialized World Faces AIDS* (Book Review) 1826
Kellermann AL see Asplin BR
Kellner JD see McIsaac WJ
Kellum JA see Uchino S
Kelly DF, Pollard AJ, Moxon ER: Immunological memory: the role of B cells in long-term protection against invasive bacterial pathogens, 3019
Kempa R: Sometimes at night, 1592
Keren R, Zaoutis TE, Bridges CB, Herrera G, Watson BM, Wheeler AB, Licht DJ, Luan XQ, Coffin SE: Neurological and neuromuscular disease as a risk factor for respiratory failure in children hospitalized with influenza infection, 2188
Kern DE see Reed DA
Khoo SK see Sweet K
Kidd WT see Mitchell LB
Kielstein JT, Cooke JP: Arginine metabolism, pulmonary hypertension, and sickle cell disease (letter) 2433
Kieser T see Mitchell LB
Kikano GE see Landers SH
Kim M see Weissman JS
King JE see Fordis M
King M, Nazareth I, Lampe F, Bower P: Patient preference and validity of randomized controlled trials (letter) 42
Kirrane BM, Hoffman RS: Pesticide exposure at schools and acute illnesses (letter) 2431
Kistorp C, Raymond I, Pedersen F, Gustafsson F, Faber J, Hildebrandt P: Biomarkers for mortality and cardiovascular events (letter) 303
Klaver CCW see van Leeuwen R
Kleber HD see Collins ED
Kleiman NS see Mahaffey KW
Klein K see Foulkes WD
Klein N see Hack M
Klinieken I see De Luca G
Knobloch TJ see Pasche B
Ko CY see Zingmond DS
Ko DT see Lee DS
Kodama M see Watanabe H
Koenig W: Biomarkers for mortality and cardiovascular events (letter) 303
Koglin J see Stone GW
Kolarik R: *Medicine and Humanistic Understanding: The Significance of Narrative in Medical Practices* (Book Review) 499
Kon AA: *Ethics and Research With Children: A Case-Based Approach* (Book Review) 1430
Kool DR see Smits M
Kopp A see Detsky ME
Koppel R, Metlay JP, Cohen A, Localio AR, Strom BL: Computerized physician order entry systems and medication errors (letter) 180
Kornstein MJ: *Private Practice: In the Early Twentieth-Century Medical Office of Dr. Richard Cabot* (Book Review) 1113
Koss LG: Localized prostate cancer and DNA ploidy (letter) 1207
Kozlowski T see Montgomery RA
Kraft S: Fourth floor, 2821
Krakow E, Ortel TL: Continuing anticoagulation following venous thromboembolism (letter) 3088
Kranzler HR see Garbutt JC
Kraus E see Montgomery RA
Kravitz RL, Epstein RM, Feldman MD, Franz CE, Azari R, Wilkes MS, Hinton L, Franks P: Influence of patients' requests for direct-to-consumer advertised antidepressants: a randomized controlled trial, **293**:1995; correction, **294**:2436
Kravitz RL, Franks P, Epstein RM, Feldman MD, Franz CE: Direct-to-consumer advertising and physician prescribing (letter) 678
Kritchevsky SB, Nicklas BJ, Visser M, Simonsick EM, Newman AB, Harris TB, Lange EM, Penninx BW, Goodpaster BH, Satterfield S, Colbert LH, Rubin SM, Pahor M: Angiotensin-converting enzyme insertion/deletion genotype, exercise, and physical decline, 691
Krogh V see Park Y
Kroll-Smith S: *Polio and Its Aftermath: The Paralysis of Culture* (Book Review) 1829
Kroschel U see Hoffmann MHK
Krumholz HM see Magid DJ; Rathore SS
Krush AJ see Douglas JA
Kuehn BM:
Advances aim to ease stem cell concerns, 2557
Antianxiety inclusion, capitol health call, 673
Children's health study closer to launch: lack of funding could cause delays, 2154
Could a novel vaccine help smokers quit? 891
Crawford to lead FDA, capitol health call, 1201
Evidence-based guidelines needed for osteoporosis screening and treatment, 34
Genes help unravel Marfan pathology, point way to potential new therapies, 1745
Genetic flaws found in aging stem cell lines, 1883
Genetic information: how much can patients handle? 295
Gut yields clues to obesity, therapies, **293**:2200; correction, **294**:44
Health IT gets a boost, capitol health call, 1201
Inflammation suspected in eye disorders, 31
Medical groups sue EPA over mercury rule, 415
Mental illness takes heavy toll on youth, 293
Mercury rule challenged, capitol health call, 1201
Methadone treatment marks 40 years, 887
Nobels honor research on ulcer microbe, "green" drug production method, 2289
Novel lupus therapies show promise, 2960
Office-based treatment for opioid addiction achieving goals, 784
Off-label promotion, capitol health call, 673
Pain studies illuminate the placebo effect, 1750
Role of environment in addiction probed, 2953
Stem cells created from somatic cells, 1475
Studies probe diet's role in eye disease, 32
Surveillance and coordination key to reducing foodborne illness, 2683
Syphilis rates rise among men: trends for other STDs mixed, 3072
Tracking medical errors, capitol health call, 1201
Trials on the record, capitol health call, 673
Veterans' budget gap, capitol health call, 673
Woman gives birth after ovary transplant, 33
Kuehn BM, Hampton T: 2005 Lasker awards honor groundbreaking biomedical research, public service, 1327
Kuhn L see Denny L
Kumbhani DJ see Bavry AA
Kuntz KM see Punglia RS

L

Labutta RJ see Sejvar JJ
Lacchetti C see Montori VM
Lacher DA see Carroll MD
Lackovic M see Alarcon WA
Lambe M see Cnattingius S
Lamberg L:
As tsunami recovery proceeds, experts ponder lessons for future disasters, 889
New mind/body tactics target medically unexplained physical symptoms and fears, 2152
Ovarian cancer inspires art exhibit, 2831
Researchers seek roots of pedophilia, 546
Risks and benefits key to psychotropic use during pregnancy and postpartum period, 1604
Terrorism assails nation's psyche, 544
Lampe F see King M
Lander O see Ost D
Landers SH, Gunn PW, Flocke SA, Graham AV, Kikano GE, Moore SM, Stange KC: Trends in house calls to Medicare beneficiaries (research letter) 2435
Lane DS see Ockene JK
Lane JM see Sejvar JJ
Lane WS see Pasche B
Lanfear DE, Jones PG, Marsh S, Cresci S, McLeod HL, Spertus JA: β_2-Adrenergic receptor genotype and survival among patients receiving β-blocker therapy after an acute coronary syndrome, 1526
Lang J see Pasche B
Lange EM see Kritchevsky SB
Langer A see Mahaffey KW
Lanphear BP: Childhood lead poisoning prevention: too little, too late, **293**:2274; correction, **294**:795
Laranjo N see Appel LJ
Largent J see Brewster WR
Larsen ML see Pedersen TR
Larson EB see Yao X
Larson JC see Ockene JK
Laskey WK see Maisel WH
Lau FY see Cheng Y
Lauderdale DS see Santry HP
Laupacis A see Lee DS
Lavenstein R: Neonatal signs after in utero exposure to selective serotonin reuptake inhibitors (letter) 2300
Laxer RM see Hashkes PJ
Leape LL, Berwick DM: *To Err Is Human* 5 years later (letter) 1759
Lederberg J: Metaphysical games: an imaginary lecture on crafting earth's biological future, 1415
Lee DS, Tu JV, Juurlink DN, Alter DA, Ko DT, Austin PC, Chong A, Stukel TA, Levy D, Laupacis A: Risk-treatment mismatch in the pharmacotherapy of heart failure, 1240
Lee DS, Tu JV, Laupacis A: Risk-treatment mismatch for heart failure (letter) 3087
Lee GM see Linder JA
Lee I-M, Buring JE: Role of vitamin E in the prevention of cardiovascular disease and cancer (letter) 2432
Lee I-M, Cook NR, Gaziano JM, Gordon D, Ridker PM, Manson JE, Hennekens CH, Buring JE: Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial, 56
Lee I-M see Cook NR
Lee JS see Stiell IG
Lee KC see Weissman JS
Lee SJ, Ralston HJ, Drey EA, Partridge JC, Rosen MA: Fetal pain: a systematic multidisciplinary review of the evidence, 947
Leffell MS see Montgomery RA
Lehtonen R see Sweet K
Leitzmann MF see Park Y
Leonard MK Jr see Blumberg HM
Leonardi S see Napolitano C
Lesiuk H see Stiell IG
Leung TW see Montori VM
Leventhal A see Dagan R
Levick D, Lukens H: Computerized physician order entry systems and medication errors (letter) 179
Levin B see Moses-Kolko EL
Levine DP see Fowler VG Jr
Levine RB see Reed DA
Levison J: Parliament day, 1868
Levy D see Lee DS; Lloyd-Jones DM
Levy DT: *The Price of Smoking* (Book Review) 254
Levy H see Asplin BR
Lewis B see Granich RM
Lewis BS see Sabatine MS
Lexau CA, Lynfield R, Danila R, Pilishvili T, Facklam R, Farley MM, Harrison LH, Schaffner W, Reingold A, Bennett NM, Hadler J, Cieslak PR, Whitney CG, Active Bacterial Core Surveillance Team: Changing epidemiology of invasive pneumococcal disease among older adults in the era of pediatric pneumococcal conjugate vaccine, 2043
Ley TJ, Rosenberg LE: Physician-scientist career pipeline in 2005: build it, and they will come, 1343
Li Z see Rosenthal MB
Licht DJ see Keren R
Lichtenstein AH, Russell RM: Essential nutrients: food or supplements? where should the emphasis be? 351
Lichtman SM: *Comprehensive Geriatric Oncology* (Book Review) 745
Lieberknecht M see Hoffmann MHK
Limburg P see Stolzenberg-Solomon RZ

Lin F see Brewster WR
Lind L see Ingelsson E
Lindahl C see Pedersen TR
Linder JA, Bates DW, Lee GM, Finkelstein JA: Antibiotic treatment of children with sore throat, 2315
Lindor NM see Nanda R
Lippmann M see Sun Q
Lipsitt DR: Acting and clinical empathy (letter) 39
Little P: Antibiotic prescribing for low respiratory tract infection (letter) 3090
Liu J see Pasche B
Liuzzi G see Visco-Comandini U
Livanou M see Başoğlu M
Lloyd-Jones D see Murabito JM
Lloyd-Jones DM, Evans JC, Levy D:
Hypertension in adults across age groups (letter) 2971
Hypertension in adults across the age spectrum: current outcomes and control in the community, 466
Lo B, Rubenfeld G: Palliative sedation in dying patients: "we turn to it when everything else hasn't worked" 1810
Lo B see Montori VM
Localio AR see Koppel R
Loew CJ: Conflicts of interest and independent data analysis in industry-funded studies (letter) 2575
Loewy JW see Garbutt JC
Longo B see Visco-Comandini U
Longo DR, Hewett JE, Ge B, Schubert S: Long road to patient safety: a status report on patient safety systems, 2858
Lonn E: Vitamin E supplementation, cardiovascular events, and cancer (letter) 426
Lonnqvist J see Mann JJ
Lopez R: *Handbook of Urban Health: Populations, Methods, and Practice* (Book Review) 2098
López-Sendón JL see Sabatine MS
Lorber M: Endocarditis from *Staphylococcus aureus* (letter) 2972
Lordelo M see Cotrim HP
Low DE see McIsaac WJ
Lowenstein SR see Heard K
Luan XQ see Keren R
Lucia MS see Thompson IM
Luckett PM see Curley MAQ
Ludmerer KM, Johns MME: Reforming graduate medical education, 1083
Ludwig B see Hoffmann MHK
Ludwig J see Cook PJ
Lukens H see Levick D
Luque AE see Weinberg GA
Lurie N see Asplin BR
Lyketsos CG see Rabins PV
Lyman A: Confidentiality and "Jambo, Jahi" (letter) 680
Lynch HT see Douglas JA
Lynfield R see Lexau CA
Lynn DJ see Sierles FS

M

Ma D: un poco mosso, 2549
MacAdams CL see Mitchell LB
Macedo E see Uchino S
MacKenzie EJ see Branas CC
Mackey J see Martin M
MacLennan A, Nelson KB, Hankins G, Speer M: Who will deliver our grandchildren? implications of cerebral palsy litigation, 1689
MacMillan HL, Wathen CN: Family violence research: lessons learned and where from here? 618
MacPhail I see Stiell IG
Madara JL see Hill LD
Magid DJ, Bradley EH, Krumholz HM: Circadian rhythms and reperfusion in patients with acute ST-segment elevation myocardial infarction (letter) 2847
Magid DJ, Wang Y, Herrin J, McNamara RL, Bradley EH, Curtis JP, Pollack CV Jr, French WJ, Blaney ME, Krumholz HM: Relationship between time of day, day of week, timeliness of reperfusion, and in-hospital mortality for patients with acute ST-segment elevation myocardial infarction, 803
Mahaffey KW, Cohen M, Garg J, Antman E, Kleiman NS, Goodman SG, Berdan LG, Reist CJ, Langer A, White HD, Aylward PE, Col JJ, Ferguson JJ III, Califf RM, SYNERGY Trial Investigators: High-risk patients with acute coronary syndromes treated with low-molecular-weight or unfractionated heparin: outcomes at 6 months and 1 year in the SYNERGY trial, 2594
Mahnke CB: *Dedicated to the Health of All Children: 75 Years of Caring, 1930-2005* (Book Review) 3032
Maina AW see Weissman JS
Maisel WH: Safety issues involving medical devices: implications of recent implantable cardioverter-defibrillator malfunctions, 955
Maisel WH, Laskey WK: Patent foramen ovale closure devices: moving beyond equipoise, 366
Maisonneuve P see Franklyn JA
Maitland A see Mitchell LB
Maitland K see Berkley J
Mak E see Wang CS
Malagoni AM see Manfredini R
Male DP see Alarcon WA
Maley WR see Montgomery RA
Malone K see Mann JJ
Mamyrova G, Rider LG, Haagenson L, Wong S, Brown KE: Parvovirus B19 and onset of juvenile dermatomyositis (research letter) 2170
Manetta A see Brewster WR
Manfredini F see Manfredini R
Manfredini R, Boari B, Salmi R, Malagoni AM, Manfredini F: Circadian rhythms and reperfusion in patients with acute ST-segment elevation myocardial infarction (letter) 2846
Mangold LA see Freedland SJ
Mangrulkar RS see Fletcher KE
Mann JJ, Apter A, Bertolote J, Beautrais A, Currier D, Haas A, Hegerl U, Lonnqvist J, Malone K, Marusic A, Mehlum L, Patton G, Phillips M, Rutz W, Rihmer Z, Schmidtke A, Shaffer D, Silverman M, Takahashi Y, Varnik A, Wasserman D, Yip P, Hendin H: Suicide prevention strategies: a systematic review, 2064
Mann JT see Stone GW
Manson JE see Cook NR; Lee I-M; Ockene JK; Stuebe AM; Willett WC
Marchi KS see Braveman PA
Marchuk DA see Sweet K
Marcus E see Bierstock S
Mark BA: *Nursing Against the Odds: How Health Care Cost Cutting, Media Stereotypes, and Medical Hubris Undermine Nurses and Patient Care* (Book Review) 848
Markel H: Why America needs a strong FDA, 2489
Markovitz BP see Willson DF
Maron BJ see Paterick TE
Marsh S see Lanfear DE
Marshall BJ: Lasker awards: celebrating scientific discovery, 1420
Marshall GN, Schell TL, Elliott MN, Berthold SM, Chun C-A: Mental health of Cambodian refugees 2 decades after resettlement in the United States, 571
Martin C see Sweet K
Martin CM see Burns KEA
Martin DP see Bowman SM
Martin GJ see Fleming VM
Martin M, Vogel C, Crown J, Mackey J: Life-threatening complications from doxorubicin-docetaxel chemotherapy for breast cancer (letter) 2166
Marusic A see Mann JJ
Masip J, Roque M, Sánchez B, Fernández R, Subirana M, Expósito JA: Noninvasive ventilation in acute cardiogenic pulmonary edema: systematic review and meta-analysis, 3124
Mast EE see Casey CG
Matas AJ, Sutherland DER: Importance of innovative efforts to increase organ donation, 1691
Matheson DHM see Moses H III
Mathew JP see Podgoreanu MV
Matloff E see Claus EB
Matthay MA see Curley MAQ
Mauad T see Annema JT
May T: *Biological Weapons: From the Invention of State-Sponsored Programs to Contemporary Bioterrorism* (Book Review) 2914
May TA see Day KY
Mayer KH, Merchant RC: Nonoccupational HIV post-exposure prophylaxis (letter) 1615
McAnulty J see Raitt M
McBride BF see White CM
McCabe CH see Sabatine MS
McCarron P see Appel LJ
McCauley M see Casey CG
McCullough LB see Brody BA
McCullough ML see Park Y
McCurdy FA see Sierles FS
McGory ML see Zingmond DS
McHugh PR: Classification of psychiatric disorders (letter) 1899
McIntire SC: *Attending Children: a Doctor's Education* (Book Review) 2504
McIsaac WJ, Kellner JD, Aufricht P, Vanjaka A, Low DE: Empirical validation of guidelines for the management of pharyngitis in children and adults, **291**:1587; correction, **294**:2700
McKelvie RS see Demers C
McKnight RD see Stiell IG
McLeod HL see Lanfear DE
McMahon LF Jr see Fletcher KE
McMurray JJV see Demers C
McNamara RL see Magid DJ
McNeeley SG see Hendrix SL
McQuillen MP: *Electrodiagnosis in Clinical Neurology* (Book Review) 1116
Meade MO see Montori VM
Mehabresh M see Visco-Comandini U
Mehilli J see Kastrati A
Mehler LN see Alarcon WA
Mehlum L see Mann JJ
Mehta SR, Yusuf S: Routine vs selective invasive strategies in acute coronary syndromes (letter) 2845
Meister KA see Douglas JA
Melancon JK see Montgomery RA
Melbye M see Hviid A
Mello MM, Brennan TA: Legal concerns and the influenza vaccine shortage, 1817
Merchant RC see Mayer KH
Merion RM, Ashby VB, Wolfe RA, Distant DA, Hulbert-Shearon TE, Metzger RA, Ojo AO, Port FK: Deceased-donor characteristics and the survival benefit of kidney transplantation, 2726
Metlay JP see Koppel R
Metzger RA see Merion RM
Metzler M see Braveman PA
Meyerhardt JA see Chan AT
Micco E see Armstrong K
Michael JA: *Textbook of Medical Physiology* (Book Review) 2639
Michels KB see Stuebe AM
Michelson EL see Demers C
Mihara H see Ost D
Mikhail N, Cope D: Evaluation and treatment of primary hyperparathyroidism (letter) 2700
Milic M, Rizos D, Ziegler MG: Electrocardiographic effects of a dietary supplement containing ephedra and caffeine (letter) 1487
Milio N: *Minority Populations and Health: An Introduction to Health Disparities in the United States* (Book Review) 1280
Miller AB see Park Y
Miller DW see Zietman AL
Miller ER III see Appel LJ
Miller FG see Shalowitz DI
Miller FG, Wendler D: Direct-to-consumer advertising and physician prescribing (letter) 678
Mills E see Montori VM
Mink CA see Izurieta HS
Minsky BD see Jessup JM
Mintz M see Sierles FS
Miro JM see Fowler VG Jr
Mirsch T see Casarett D
Mitchell LB, Exner DV, Wyse DG, Connolly CJ, Prystai GD, Bayes AJ, Kidd WT, Kieser T, Burgess JJ, Ferland A, MacAdams CL, Maitland A: Prophylactic oral amiodarone for the prevention of arrhythmias that begin early after revascularization, valve replacement, or repair: PAPABEAR: a randomized controlled trial, 3093
Mitchell PP: Computers and clinical work (letter) 181
Mithwani S see Berkley J
Mitka M:
Accelerated approval abuse, capitol health call, 171
AIDS funding boost, capitol health call, 2833
Boosting Medicare pay, capitol health call, 171
Carotid artery surgery guidelines updated: new data also support stents in high-risk cases, 2955
Contentious vote deferred, capitol health call, 2833
Cosmetic lenses scrutinized, capitol health call, 1752
Does the metabolic syndrome really exist? diabetes and heart disease groups spar over issue, 2010
Early rheumatoid arthritis treatments weighed, 3073
Efforts to meet world health goals lag, 1600
Experts promote adoption of chest pain guidelines by emergency departments, 164
Experts: target heart disease from birth, 2558
Funding flu protection, capitol health call, 2833
Grant probe urged, capitol health call, 2292
Internet seen as clinical research tool, 2290
Kidney failure rates end 20-year climb, 2563
Limit lifted, capitol health call, 1752
Medicaid cuts on hold? capitol health call, 1752
Meth lab fires put heat on burn centers, 2009

1918 killer flu virus reconstructed, may help prevent future outbreaks, 2416
No fed money for ED drugs, capitol health call, 171
Obesity's role in heart disease requires apples and pears comparison, 3071
Pandemic preparedness, capitol health call, 2292
Physicians condemn torture, capitol health call, 2833
Plan B deferred, capitol health call, 1752
Policy targets lowering SIDS incidence, 2420
Readiness of local public health agencies to respond to bioterrorism questioned, 1884
Reservist health care, capitol health call, 171
Resignation inquiry, capitol health call, 2292
Safety improvements urged for MRI facilities, 2145
Saying sorry, capitol health call, 2292
Volunteering overseas gives physicians a measure of adventure and altruism, 671
Moffett JK see Torgerson D
Moinpour CM see Thompson IM
Moist L see Burns KEA
Molenberghs G, Imrey P, Drake C: Conflicts of interest and independent data analysis in industry-funded studies (letter) 2575
Moliterno DJ, Steinhubl SR: Clopidogrel for percutaneous coronary revascularization: time for more pretreatment, retreatment, or both? 1271
Montalescot G see Sabatine MS
Montes-Martinez A see Takkouche B
Montgomery RA, Zachary AA, Ratner LE, Segev DL, Hiller JM, Houp J, Cooper M, Kavoussi L, Jarrett T, Burdick J, Maley WR, Melancon JK, Kozlowski T, Simpkins CE, Phillips M, Desai A, Collins V, Reeb B, Kraus E, Rabb H, Leffell MS, Warren DS: Clinical results from transplanting incompatible live kidney donor/recipient pairs using kidney paired donation, 1655
Montori VM, Devereaux PJ, Adhikari NK, Burns KEA, Eggert CH, Briel M, Lacchetti C, Leung TW, Darling E, Bryant DM, Bucher HC, Schünemann HJ, Meade MO, Cook DJ, Erwin PJ, Sood A, Sood R, Lo B, Thompson CA, Zhou Q, Mills E, Guyatt GH: Randomized trials stopped early for benefit: a systematic review, 2203
Moore AM: *Dying to Be Men: Youth, Masculinity and Social Exclusion* (Book Review) 3143
Moore SM see Landers SH
Mootrey G see Casey CG
Morales K see Casarett D
Moran DT: Letter to a dying man, 2672
Morgan J see Casey CG
Morgan JP: *Hard Sell: The Evolution of a Viagra Salesman* (Book Review) 496
Morgenstern BZ see Sierles FS
Morgenstern D see Keillor A
Morgera S see Uchino S
Morimatsu H see Uchino S
Morin SF: *The AIDS Pandemic: Impact on Science and Society* (Book Review) 849
Morris CR, Kato GJ, Poljakovic M, Wang X, Blackwelder WC, Sachdev V, Hazen SL, Vichinsky EP, Morris SM Jr, Gladwin MT: Dysregulated arginine metabolism, hemolysis-associated pulmonary hypertension and mortality in sickle cell disease, 81
Morris CR, Vichinsky EP, Kato GJ, Gladwin MT, Hazen SL, Morris SM Jr: Arginine metabolism, pulmonary hypertension, and sickle cell disease (letter) 2433
Morris SD see Starfield B
Morris SM Jr see Morris CR
Morris WE see Raitt M
Morrow DA, de Lemos JA, Blazing MA, Sabatine MS, Murphy SA, Jarolim P, White HD, Fox KAA, Califf RM, Braunwald E, A to Z Investigators: Prognostic value of serial B-type natriuretic peptide testing during follow-up of patients with unstable coronary artery disease, 2866
Morton JM see Wolfe BM
Morton MJ: *The Empty Room: The Loss of a Brother or Sister at Any Age* (Book Review) 253
Moser HW, Raymond GV, Dubey P: Adrenoleukodystrophy: new approaches to a neurodegenerative disease, 3131
Moses H III, Dorsey ER, Matheson DHM, Thier SO: Financial anatomy of biomedical research, 1333
Moses-Kolko EL, Bogen D, Perel J, Wisner KL, Bregar A, Uhl K, Levin B: Neonatal signs after in utero exposure to selective serotonin reuptake inhibitors (letter) 2300
Motagi R see Chan F
Mouchawar J see Alford SH
Moxon ER see Kelly DF
Mozaffarian D: Electron-beam computed tomography for coronary calcium: a useful test to screen for coronary heart disease? 2897
Mpairwe H see Elliott AM
Muhangi L see Elliott AM
Murabito JM, Pencina MJ, Nam B-H, D'Agostino RB Sr, Wang TJ, Lloyd-Jones D, Wilson PWF, O'Donnell CJ: Sibling cardiovascular disease as a risk factor for cardiovascular disease in middle-aged adults, 3117
Muresan M see Schiavi F
Murphy SA see Morrow DA; Sabatine MS
Murty VVVS see Pasche B
Mutter J, Naumann J: Blood mercury levels and neurobehavior (letter) 679
Muwanga M see Elliott AM
Mwangi I see Berkley J
Myers ML see Burns KEA

N

Nagai T see Watanabe H
Nagurney JT see Swap CJ
Nakamura Y see Watanabe H
Nam B-H see Murabito JM
Nampijja M see Elliott AM
Nanda R, Schumm LP, Cummings S, Fackenthal JD, Sveen L, Ademuyiwa F, Cobleigh M, Esserman L, Lindor NM, Neuhausen SL, Olopade OI: Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry, 1925
Nanni O see Sanchini MA
Napolitano C, Priori SG, Schwartz PJ, Bloise R, Ronchetti E, Nastoli J, Bottelli G, Cerrone M, Leonardi S: Genetic testing in the long QT syndrome: development and validation of an efficient approach to genotyping in clinical practice, 2975
Narayan KMV see Gregg EW
Nastoli J see Napolitano C
Natanzon A see Sun Q
Nathanson D see Tammemagi CM
Naughton MJ see Hendrix SL
Naumann J see Mutter J
Nazarene R: Dolor, 2001
Nazareth I see King M
Ndibazza J see Elliott AM
Ndrepepa G see Schömig A
Nebeker JR see Bennett CL
Nederkoorn PJ see Smits M
Needham DM see Fan E
Neff L see Casey CG
Nelson KB see MacLennan A
Nelson M: *Textbook of Pediatric Emergency Medicine* (Book Review) 1827
Nerenz D see Tammemagi CM
Neslund-Dudas C see Tammemagi CM
Neugebauer R:
Accumulating evidence for prenatal nutritional origins of mental disorders, 621
Schizophrenia and the Chinese famine of 1959-1961 (letter) 2968
Neuhausen SL see Nanda R
Neumann HPH see Schiavi F
Neumann PJ: *To Your Health: How to Understand What Research Tells Us about Risk* (Book Review) 2365
Neuzil KM, Griffin MR: Vaccine safety—achieving the proper balance, 2763
Newby LK see Alexander KP
Newman AB see Kritchevsky SB; Shlipak MG
Newton C see Berkley J
Ng LL see Doukas G
Ng MHL see Cheng Y
Nicklas BJ see Kritchevsky SB
Nilsson I see Pasche B
Nissen SE, Wolski K, Topol EJ: Effect of muraglitazar on death and major adverse cardiovascular events in patients with type 2 diabetes mellitus, 2581
Novick RJ see Burns KEA
NRMI Investigators see Babaev A
Nye RA: *A Surgical Temptation: The Demonization of the Foreskin and the Rise of Circumcision in Britain* (Book Review) 2771
Nygaard II see Hendrix SL

O

Obarzanek E see Appel LJ
Oc M see Doukas G
Ockene JK, Barad DH, Cochrane BB, Larson JC, Gass M, Wassertheil-Smoller S, Manson JE, Barnabei VM, Lane DS, Brzyski RG, Rosal MC, Wylie-Rosett J, Hays J: Symptom experience after discontinuing use of estrogen plus progestin, 183
O'Connor CM see Shah MR
O'Connor PG: Methods of detoxification and their role in treating patients with opioid dependence, 961
O'Connor PJ: Adding value to evidence-based clinical guidelines, 741
O'Donnell CJ see Murabito JM
Oh P see Granich RM
Ohman EM see Alexander KP
Ojo AO see Merion RM
Okabe M see Watanabe H
Okura Y see Watanabe H
Oldfield EH see Pluta RM
Olofsson B see Demers C
Olopade OI see Nanda R
Olshansky SJ see Perls TH
Olsson AG see Pedersen TR
O'Malley F: *Treating and Preventing Adolescent Mental Health Disorders—What We Know and What We Don't Know: A Research Agenda for Improving the Mental Health of Our Youth* (Book Review) 2099
O'Malley SS see Garbutt JC
OmniHeart Collaborative Reserch Group see Appel LJ
Opocher G see Schiavi F
Orient JM: Single-payer health systems and statistics (letter) 44
Oros KK see Foulkes WD
O'Rourke MF, Safar ME: Chronic kidney disease and cardiovascular risk (letter) 791
Ortel TL see Krakow E
Orti R see Belda FJ
O'Shaughnessy CD see Stone GW
Osler M see Godtfredsen NS
Osman F, Qaisar S, El Gaylani N, Pitt M: Tirofiban plus sirolimus-eluting stent vs abciximab plus bare-metal stent (letter) 1616
Ost D: Continuing anticoagulation following venous thromboembolism (letter) 3088
Ost D, Tepper J, Mihara H, Lander O, Heinzer R, Fein A: Duration of anticoagulation following venous thromboembolism: a meta-analysis, 706
Östergren J see Demers C
Osterloh J see Audi J
Otley CC see Christenson LJ
Oweka-Onyee J see Elliott AM
Owens J see Arnedt JT

P

Pahor M see Kritchevsky SB
Palabrica TM see Alexander KP
Panageas KS see Ferrone CR
Pappas PA see Fowler VG Jr
Park ER see Weissman JS
Park Y, Hunter DJ, Spiegelman D, Bergkvist L, Berrino F, van der Brandt PA, Buring JE, Colditz GA, Freudenheim JL, Fuchs CS, Giovannucci EL, Goldbohm RA, Graham S, Hamack L, Hartman AM, Jacobs DR Jr, Kato I, Krogh V, Leitzmann MF, McCullough ML, Miller AB, Pietinen P, Rohan TE, Schatzkin A, Willett WC, Wolk A, Zeleniuch-Jacquotte A, Zhang SM, Smith-Warner SA: Dietary fiber intake and risk of colorectal cancer: a pooled analysis of prospective cohort studies, 2849
Parker L see Tabery J
Parmet S:
Chickenpox, *JAMA* Patient Page, 866
Lung cancer, *JAMA* Patient Page, 990
Parnes HL see Thompson IM
Partin AW see Freedland SJ
Partridge JC see Lee SJ
Pasche B, Knobloch TJ, Bian Y, Liu J, Phukan S, Rosman D, Kaklamani V, Baddi L, Siddiqui FS, Frankel W, Prior TW, Schuller DE, Agrawal A, Lang J, Dolan ME, Vokes EE, Lane WS, Huang C-C, Caldes T, Di Cristofano A, Hampel H, Nilsson I, von Heijne G, Fodde R, Murty VVVS, de la Chapelle A, Weghorst CM: Somatic acquisition and signaling of *TGFBR1**6A in cancer, 1634
Pasta DJ see Babaev A
Patel A see Ferrone CR
Patel M see Audi J
Paterick TE, Paterick TJ, Fletcher GF, Maron BJ: Medical and legal issues impacting the cardiovascular evaluation of competitive athletes, 3011
Paterick TJ see Paterick TE
Patmas MA: Physicians advising investment firms (letter) 1897
Patocs A see Sweet K
Patton G see Mann JJ
Pauker SG, Zane EM, Salem DN: Creating a safer health care system: finding the constraint, 2906
Pawlu C see Schiavi F

Pearson SD, Rawlins MD: Quality, innovation, and value for money: NICE and the British National Health Service, 2618
Peczkowska M see Schiavi F
Pedersen F see Kistorp C
Pedersen TR, Faergeman O, Kastelein JJ, Olsson AG, Tikkanen MJ, Holme I, Larsen ML, Bendiksen FS, Lindahl C, Szarek M, Tsai J, IDEAL Study Group: High-dose atorvastatin vs usual-dose simvastatin for secondary prevention after myocardial infarction: the IDEAL Study: a randomized controlled trial, 2437; correction, 3092
Pediatric Acute Lung Injury and Sepsis Investigators see Willson DF
Pencina MJ see Murabito JM
Penninx BW see Kritchevsky SB
Perbellini L see Vattemi G
Pereira P: Tremor, 530
Perel J see Moses-Kolko EL
Perinelli P see Visco-Comandini U
Peris TH, Reisman NR, Olshansky SJ: Provision or distribution of growth hormone for "antiaging" clinical and legal issues, 2086
Peterson ED: Optimizing the science of quality improvement, 369
Peterson ED see Alexander KP
Petersson G see Cnattingius S
Petitti DB: Some surprises, some answers, and more questions about hormone therapy: further findings from the Women's Health Initiative, 245
Petrucci N see Vattemi G
Petruzella S see Claus EB
Pettinati HM see Garbutt JC
Pfeffer MA see Demers C
Pham HH, Schrag D, Hargraves JL, Bach PB: Delivery of preventive services to older adults by primary care physicians, 473
Philipson L: Medical research activities, funding, and creativity in Europe: comparison with research in the United States, 1394
Phillips M see Mann JJ; Montgomery RA
Phukan S see Pasche B
Pichichero ME, Rennels MB, Edwards KM, Blatter MM, Marshall MM, Bologa M, Wang E, Mills E: Combined tetanus, diphtheria, and 5-component pertussis vaccine for use in adolescents and adults, **293:** 3003; correction **294:** 3092
Pidgeon J: Perthes girl, 1470
Pies R: The golden years, 1006
Pietinen P see Park Y
Pigny P see Schiavi F
Pilarski R see Sweet K
Pilishvili T see Lexau CA
Pillow PC see Schabath MB
Pilote L see Beck CA
Pinn VW: Research on women's health: progress and opportunities, 1407
Pitt M see Osman F
Pluta RM, Gladwin MT, Oldfield EH: Methodological standards in human vs animal clinical trials (letter) 40
Pocock SJ: When (not) to stop a clinical trial for benefit, 2228
Podgoreanu MV, Mathew JP: Prophylaxis against postoperative atrial fibrillation: current progress and future directions, 3140
Poljakovic M see Morris CR
Pollack AE see Denny L
Pollack C see Alexander KP; Magid DJ
Pollard AJ see Kelly DF
Pon S see Willson DF
Popma JJ see Stone GW
Porat LB see Ferrone CR
Porco TC see Granich RM
Port FK see Merion RM
Porter JE: Federal funding and supportive policies for research, 1385
Porter KB see Gortney JS
Porter M, Haslam N: Predisplacement and postdisplacement factors associated with mental health of refugees and internally displaced persons: a meta-analysis, 602
Posner S see Braveman PA
Powers M: *Message in a Bottle: The Making of Fetal Alcohol Syndrome* (Book Review) 498
Powsner S: "Manufacturing vs repair" in health care (letter) 2580
Pratt D see Izurieta HS
Prescott E see Godtfredsen NS
PREVENT IV Investigators: Efficacy and safety of edifoligide, an E2F transcription factor decoy, for prevention of vein graft failure following coronary artery bypass graft surgery: PREVENT IV: a randomized controlled trial, 2446
Pringle R: The geriatric lane, 2816
Prior TW see Pasche B; Sweet K
Priori SG see Napolitano C
Probstfield JL see Thompson IM
Procacci V see Gallitelli M
Prochazka A see Hayes JM
Proctor RN: *Smoke: A Global History of Smoking* (Book Review) 255
Propeck M see Alarcon WA
Propst SM see Woolley M
Pross C see Rubenstein L
Prystai GD see Mitchell LB
Psaty B see Shlipak MG
Punglia RS, Kuntz KM, Catalona WJ, D'Amico AV: Operating characteristics of prostate-specific antigen and verification bias (letter) 2698
Punnam SR: Role of vitamin E in the prevention of cardiovascular disease and cancer (letter) 2432
Puppala BI: *Avery's Neonatology: Pathophysiology and Management of the Newborn* (Book Review) 1968
Putt M see Armstrong K

Q

Qaisar S see Osman F
Quaranta KM: *JAMA* cover of July 27, *The Happy Moment* by James Goodwyn Clonney, 404
Quigley MA see Elliott AM
Quirion R see Insel TR

R

Rabb H see Montgomery RA
Rabe KF see Annema JT
Rabinow P: *The Global Genome: Biotechnology, Politics, and Culture* (Book Review) 2237
Rabins PV, Lyketsos CG: Antipsychotic drugs in dementia: what should be made of the risks? 1963
Raisch DW see Bennett CL
Raitt M, Connor WE, Morris WE, McAnulty J: Fish oil supplementation and arrhythmias (letter) 2165
Rajagopalan S see Sun Q
Ralston HJ see Lee SJ
Rathore SS, Epstein AJ, Volpp KGM, Krumholz HM: Acute coronary syndromes and regionalization of care (letter) 304
Ratner LE see Montgomery RA
Ravaioli A see Sanchini MA
Rawlins MD see Pearson SD
Raymond GV see Moser HW
Raymond I see Kistorp C
Reardon M see Stiell IG
Redberg RF: Vitamin E and cardiovascular health: does sex matter? 107
Reeb B see Montgomery RA
Reed DA, Kern DE, Levine RB, Wright SM: Costs and funding for published medical education research, 1052
Reef SE see Casey CG
Reid IR see Grey A
Reingold A see Lexau CA
Reinke W see Hyder AA
Reisman NR see Peris TH
Reiss J: Long-term outcomes for extremely low-birthweight infants (letter) 2168
Reist CJ see Mahaffey KW
Renshaw AA see D'Amico AV
Reunanen A see Finne P
Rhodes KV see Asplin BR
Rich KR see Surbone A
Rich-Edwards JW see Stuebe AM
Richard H see Beck CA
Richardson SS, Yu W: Controlling for patient case mix at the end of life: issues in identifying cause of death (research letter) 793
Richey RM: Vitamin E supplementation, cardiovascular events, and cancer (letter) 425
Rider LG see Mamyrova G
Ridker PM, Buring JE: Risk factors for cardiovascular disease in women (letter) 2844
Ridker PM, Rifai N, Cook NR, Bradwin G, Buring JE: Non–HDL cholesterol, apolipoproteins A-I and B_{100}, standard lipid measures, lipid ratios, and CRP as risk factors for cardiovascular disease in women, 326
Ridker PM see Cook NR; Lee I-M
Rieber S see Ullrich C
Rietz R: *Bleed, Blister, and Purge: A History of Medicine on the American Frontier* (Book Review) 2505
Rifai N see Ridker PM
Rihmer Z see Mann JJ
Ringold S:
Hepatitis A virus, *JAMA* Patient Page, 270
Juvenile idiopathic arthritis, *JAMA* Patient Page, 1722; correction, 2580
Refugee mental health, *JAMA* Patient Page, 646
Viral encephalitis, *JAMA* Patient Page, 514
Ritchie E: This heart, 405
Rizos D see Milic M
Rizzuto N see Vattemi G
Robinson JK: Sun exposure, sun protection, and vitamin D, 1541
Rocha R see Cotrim HP
Rockey PH see Brotherton SE
Rodríguez R see Belda FJ
Roe MT see Alexander KP
Roenigk RK see Christenson LJ
Rohan T see Strickler HD
Rohan TE see Park Y
Rona RJ see Wessely S
Ronchetti E see Napolitano C
Ronco C see Uchino S
Roos KL: Viral encephalitis transmitted from donor to organ recipients, 488
Roper MH see Casey CG
Roque M see Masip J
Rosal MC see Ockene JK
Rose CP see Vos E
Rosen MA see Lee SJ
Rosenberg LE see Ley TJ
Rosenberg RN: Immunization with β-amyloid$_{1-42}$ protein for Alzheimer disease: genomics predicts the response, 2352
Rosendaal FR see Cannegieter SC
Rosenthal MB, Frank RG, Li Z, Epstein AM: Early experience with pay-for-performance: from concept to practice, 1788
Rosman D see Pasche B
Rosner BA see Appel LJ
Ross CM: Coffee consumption and development of type 2 diabetes (letter) 2299
Rossi CJ Jr see Zietman AL
Roth GJ: *Hematology: Basic Principles and Practice, Fourth e-dition* (Book Review) 495
Rourke EJ see Crosby SS
Rowe BH see Stiell IG
Rowe M see Surbone A
Rubenfeld G see Lo B
Rubenstein L, Pross C, Davidoff F, Iacopino V: Coercive US interrogation policies: a challenge to medical ethics, 1544
Rubin MA see Samore MH
Rubin SA, Warner AL: Mechanical reperfusion more than 12 hours after acute myocardial infarction (letter) 2030
Rubin SM see Kritchevsky SB
Rubinstein E see Fowler VG Jr
Rupper R see Samore MH
Russell ME see Stone GW
Russell RM see Lichtenstein AH
Rutz W see Mann JJ

S

Sabatine MS, Cannon CP, Gibson CM, López-Sendón JL, Montalescot G, Theroux P, Lewis BS, Murphy SA, McCabe CH, Braunwald E, Clopidogrel as Adjunctive Reperfusion Therapy (CLARITY)-Thrombolysis in Myocardial Infarction (TIMI) 28 Investigators: Effect of clopidogrel pretreatment before percutaneous coronary intervention in patients with ST-elevation myocardial infarction treated with fibrinolytics: the PCI-CLARITY Study, 1224
Sabatine MS see Morrow DA
Sabbà C see Gallitelli M
Sachdev V see Morris CR
Sachs BP: 38-year-old woman with fetal loss and hysterectomy, 833
Sackner-Bernstein JD, Aaronson K: Risk of death with nesiritide (letter) 898
Sacks FM see Appel LJ
Safar ME see O'Rourke MF
Safran C, Detmer DE: Computerized physician order entry systems and medication errors (letter) 179
Saigal S see Tyson JE
Saint S see Fletcher KE
Salem DN see Pauker SG
Salem L see Flum DR
Salmi R see Manfredini R
Salvatori R: Adrenal insufficiency, 2481
Salzmann M see Schiavi F
Samandari T see Wasley A
Samani NJ see Doukas G

Samore MH, Bateman K, Alder SC, Hannah E, Donnelly S, Stoddard GJ, Haddadin B, Rubin MA, Williamson J, Stults B, Rupper R, Stevenson K: Clinical decision support and appropriateness of antimicrobial prescribing: a randomized trial, 2305
Samudrala R see Jenwitheesuk E
Sánchez B see Masip J
Sanchini MA, Gunelli R, Nanni O, Bravaccini S, Fabbri C, Sermasi A, Bercovich E, Ravaioli A, Amadori D, Calistri D: Relevance of urine telomerase in the diagnosis of bladder cancer, 2052
Santry HP, Gillen DL, Lauderdale DS: Trends in bariatric surgical procedures, 1909
Sardella G see De Luca L
Satel S: Physician substance abuse (letter) 426
Sato M see Watanabe H
Sato Y, Honda Y, Iwamoto J, Kanoko T, Satoh K: Folate and vitamin B_{12} for hip fracture prevention after stroke (letter) 792
Satoh K see Sato Y
Satterfield S see Kritchevsky SB
Satya-Murti S:
False Alarm: the Truth About the Epidemic of Fear (Book Review) 2503
Internet Discourse and Health Debates (Book Review) 374
Sawada T see Sweet K
Sawaya GF: 21-year-old woman with atypical squamous cells of undetermined significance, 2210
Schabath MB, Hernandez LM, Wu X, Pillow PC, Spitz MR: Dietary phytoestrogens and lung cancer risk, 1493; correction, 2700
Schaffner W see Lexau CA
Schatzkin A see Park Y
Schell TL see Marshall GN
Schernhammer ES see Chan AT
Schetz M see Uchino S
Schiavi F, Boedeker CC, Bausch B, Peczkowska M, Gomez CF, Strassburg T, Pawlu C, Buchta M, Salzmann M, Hoffmann MM, Berlis A, Brink I, Cybulla M, Muresan M, Walter MA, Forrer F, Välimäki M, Kawecki A, Szutkowski Z, Schipper J, Walz MK, Pigny P, Bauters C, Willet-Brozick JE, Baysal BE, Januszewicz A, Eng C, Opocher G, Neumann HPH, European-American Paraganglioma Study Group: Predictors and prevalence of paraganglioma syndrome associated with mutations of the *SDHC* gene, 2057
Schier J see Audi J
Schindler N see Fleming VM
Schipper J see Schiavi F
Schlenger WE, Williams RL, Blitstein JL: Iatrogenic risk of screening for youth suicide (letter) 2578
Schluchter M see Hack M
Schmid FT see Hoffmann MHK
Schmidt MA: *Dwarfism: Medical and Psychosocial Aspects of Profound Short Stature* (Book Review) 3033
Schmidtke A see Mann JJ
Schmitz BL see Hoffmann MHK
Schneider KH see Fordis M
Schneider LS, Dagerman KS, Insel P: Risk of death with atypical antipsychotic drug treatment for dementia: meta-analysis of randomized placebo-controlled trials, 1934
Schömig A, Ndrepepa G, Kastrati A: Mechanical reperfusion more than 12 hours after acute myocardial infarction (letter) 2031
Schömig A see Kastrati A
Schrag D see Pham HH
Schroeder SA:
Smoking cessation (letter) 2435
What to do with a patient who smokes, 482
Schubert S see Longo DR
Schuil MJ see Stiell IG
Schuller DE see Pasche B
Schulze R see Hoffmann MHK
Schulzer M see Wang CS
Schumm LP see Nanda R
Schünemann HJ see Montori VM
Schwab CW see Branas CC
Schwartz B see Weil M
Schwartz JM see Hunt EA
Schwartz PJ see Napolitano C
Scott S: *Sapira's Art and Science of Bedside Diagnosis* (Book Review) 2641
Seewaldt V: *The Myth of Osteoporosis: What Every Woman Should Know About Creating Bone Health* (Book Review) 113
Segev DL see Montgomery RA
Sejvar JJ, Labutta RJ, Chapman LE, Grabenstein JD, Iskander J, Lane JM: Neurologic adverse events associated with smallpox vaccination in the United States, 2002-2004, 2744; correction, 3092
Serin D see Brain EGC
Sermasi A see Sanchini MA
Sessler DI see Belda FJ
Shaffer D see Mann JJ
Shah MR, Hasselblad V, Stevenson LW, Binanay C, O'Connor CM, Sopko G, Califf RM: Impact of the pulmonary artery catheter in critically ill patients: meta-analysis of randomized clinical trials, 1664
Shalowitz DI, Miller FG: Disclosing individual results of clinical research: implications of respect for participants, 737
Sham P see St Clair DS
Shapiro D see Ullrich C
Sharar SR see Bowman SM
Sharifi N, Gulley JL, Dahut WL: Androgen deprivation therapy for prostate cancer, 238
Sharp RR see Brody BA
Shay DK see Fry AM
Shefer A see Zhou F
Sheppard MC see Franklyn JA
Shi H see Hoffmann MHK
Shi L: *Healthy, Wealthy, and Fair: Health Care and the Good Society* (Book Review) 1700
Shih M-C see Curley MAQ
Ship AN: 43-year-old woman with end-stage renal disease, 2 years 6 months later, 841
Shipley WU see Zietman AL
Shlipak MG, Katz R, Fried LF, Newman AB, Siscovick S, Psaty B: Chronic kidney disease and cardiovascular risk (letter) 791
Shomer E: Three disks, two rods, and a dozen screws, 1319
Shore W see Sierles FS
Shortell SM: Quality improvement organizations and the Institute of Medicine (letter) 680
Shouval D see Dagan R
Sichrovsky T see Babaev A
Siddiqui FS see Pasche B
Siegel EK see Cohen JJ
Siegel IM: *Polio—An American Story: The Crusade That Mobilized the Nation Against the 20th Century's Most Feared Disease* (Book Review) 1277
Sierles FS, Brodkey AC, Cleary LM, McCurdy FA, Mintz M, Frank J, Lynn DJ, Chao J, Morgenstern BZ, Shore W, Woodard JL: Medical students' exposure to and attitudes about drug company interactions: a national survey, 1034
Sievert J see Alarcon WA
Sigurdsson G see Steingrimsdottir L
Silver NG see Gallitelli M
Silverman BL see Garbutt JC
Silverman M see Mann JJ
Sim DK-L see Tan DS-W
Simbra M: *Health Writer's Handbook* (Book Review) 1701
Simonsick EM see Kritchevsky SB
Simpkins CE see Montgomery RA
Sinclair CT: *End-of-Life Decision Making: a Cross-National Study* (Book Review) 1278
Siqueira AC see Cotrim HP
Siscovick S see Shlipak MG
Sivilotti MLA see Detsky ME
Skandalakis JE, Skandalakis LJ: *Clinically Oriented Anatomy* (Book Review) 2364
Skandalakis LJ see Skandalakis JE
Slater JD see Zietman AL
Slater P see Dagan R
Slifka MK, Amanna IJ: *The Cutter Incident: How America's First Polio Vaccine Led to the Growing Vaccine Crisis* (Book Review) 2915
Small W Jr, Kachnic L: Postradiotherapy pelvic fractures: cause for concern or opportunity for future research? 2635
Smith CV: Single-donor islet transplantation for diabetes (letter) 1488
Smith-Warner SA see Park Y
Smits M, Dippel DWJ, de Haan GG, Dekker HM, Vos PE, Kool DR, Nederkoorn PJ, Hofman PAM, Twijnstra A, Tanghe HLJ, Hunink MGM: External validation of the Canadian CT head rule and the New Orleans criteria for CT scanning in patients with minor head injury, 1519
Sniderman AD: Risk factors for cardiovascular disease in women (letter) 2843
Snyder C: Quality improvement organizations and the Institute of Medicine (letter) 680
Snyder C, Anderson G: Quality improvement organizations and hospital care (letter) 2030
Sobolski GK, Barton JH, Emanuel EJ: Technology licensing: lessons from the US experience, 3137
Soileau SB see Alarcon WA
Song DY see DeWeese TL
Sont JK see Annema JT
Sood A see Montori VM
Sood R see Montori VM
Sopko G see Shah MR
Sorce L see Curley MAQ
Sorlie PD see Carroll MD
Southgate MT:
JAMA cover of July 6, *Construction for Noble Ladies* by Kurt Schwitters, 15
JAMA cover of July 13, *Still Life With Profile of Laval* by Paul Gauguin, 155
JAMA cover of July 20, *Child in a Rocking Chair* by E. L. George, 283
JAMA cover of August 3, *Sunflowers* by Vincent van Gogh, 529
JAMA cover of August 10, *Boats in Trouville Harbor* by Louis-Eugène Boudon, 657
JAMA cover of August 17, *La Manne-Porte, Etretat* by Claude Monet, 775
JAMA cover of August 24/31, *L'Île Lacroix Rouen (The Effect of Fog)* by Camille Pissarro, 878
JAMA cover of September 7, *The Voyage of Life: Youth* by Thomas Cole, 1005
JAMA cover of September 14, *Sailboats Racing on the Delaware* by Thomas Eakins, 1182
JAMA cover of September 21, *Washington* by Salvador Dali, 1314
JAMA cover of September 28, *The Dancing Class* by Edgar Degas, 1468
JAMA cover of October 5, *Healing of Abiku Children* by Twins Seven Seven, 1591
JAMA cover of October 12, *Self-portrait After the Spanish Influenza* by Edvard Munch, 1733
JAMA cover of October 19, *Black Cat on a Chair* by Andrew L. von Wittkamp, 1867
JAMA cover of October 26, *James Peale (The Lamplighter Portrait)* by Charles Willson Peale, 1999
JAMA cover of November 2, *Laid Off* by Irene T. Fletcher, 2133
JAMA cover of November 9, *A Surgeon and a Line of Patients* (Flemish) 2277
JAMA cover of November 16, *The Sick Patient* by Félix Vallotton, 2402
JAMA cover of November 23/30, *As the Old Ones Sing, So the Young Ones Pipe* by Jan Steen, 2544
JAMA cover of December 7, *Haunted House* by Morris Kantor, 2671
JAMA cover of December 14, *Children at Play in Mantua* by David Howell Rosenbaum, 2814
JAMA cover of December 21, *Madonna and Child* by Duccio di Buoninsegna, 2947
JAMA cover of December 28, *Children Playing Cards* by Dirck Hals 3062
Spanish Reduccion de la Tasa de Infeccion Quirurgica Group see Belda FJ
Spann SJ see Fordis M
Sparr LF: *The Trauma of Terrorism: Sharing Knowledge and Shared Care—An International Handbook* (Book Review) 629
Speer M see MacLennan A
Spelman D see Fowler VG Jr
Spertus JA see Lanfear DE
Spiegelman D see Park Y
Spitz MR see Schabath MB
Spitzer RL: Classification of psychiatric disorders (letter) 1898
Spriggs D see Stone GW
Spyt TJ see Doukas G
St Clair DS, Xu M, Wang P, Yu Y, Fang Y, Zhang F, Zheng X, Gu N, Feng G, Sham P, He L: Rates of adult schizophrenia following prenatal exposure to the Chinese famine of 1959-1961, 557
Stafford PG see Doukas G
Stahl J see Arnedt JT
Stampfer MJ see Winkelmayer WC
Stanbury M see Alarcon WA
Stange KC see Landers SH
Stapczynski JS Jr: Antibiotic prescribing for lower respiratory tract infection (letter) 2032
Starbuck K:
Aubade, 284
I saw the saw I said I saw, 776
Starfield B, Morris SD: Single-payer health systems and statistics (letter) 43
Stefan N, Fritsche A, Häring H-U: Insulin resistance and congestive heart failure (letter) 2578
Steinbock RT: *Diseases and Human Evolution* (Book Review) 2772
Steiner JF: Use of stories in clinical research and health policy, 2901
Steingrimsdottir L, Gunnarsson O, Indridason OS, Franzson L, Sigurdsson G: Relationship between serum parathyroid hormone levels, vitamin D sufficiency, and calcium intake, 2336

Steinhubl SR see Moliterno DJ
Stellfeld M see Hvidd A
Stenman S see Finne P
Stephenson J:
Avian flu spread, the world in medicine, 1331
Bird flu plan, the world in medicine, 787
Birth order and MS, the world in medicine, 1331
Chernobyl's deadly legacy, the world in medicine, 1890
Curbing malaria with fungi, the world in medicine, 297
Decoding parasite genomes, the world in medicine, 787
Drug-resistant avian flu, the world in medicine, 2423
Early obesity trigger? the world in medicine, 297
Edible rice vaccine, the world in medicine, 2961
Emerging diseases, the world in medicine, 1890
False alarms at airports, the world in medicine, 787
Global HIV/AIDS Report, the world in medicine, 2961
Influenza action plan, the world in medicine, 2961
New respiratory virus, the world in medicine, 1331
Of cabbages and cancer, the world in medicine, 2961
Preventing chronic disease, the world in medicine, 2423
Protecting the mentally ill, the world in medicine, 297
Reducing Alzheimer risk, the world in medicine, 2423
Relief for women scientists, the world in medicine, 297
Roots of psoriasis, the world in medicine, 1890
SARS clue, the world in medicine, 787
TB vaccine boost, the world in medicine, 1331
Virulent *C difficile*, the world in medicine, 2423
Work-related illness, injury, the world in medicine, 1890
Stevenson K see Samore MH
Stevenson LW see Shah MR
Stewart A see Jessup JM
Stewart TE see Fan E
Stiell IG, Clement CM, Rowe BH, Schull MJ, Brison R, Cass D, Eisenhauer MA, McKnight RD, Bandiera G, Holroyd B, Lee JS, Dreyer J, Worthington JR, Reardon M, Greenberg G, Lesiuk H, MacPhail I, Wells GA: Comparison of the Canadian CT head rule and the New Orleans criteria in patients with minor head injury, 1511
Stitt LW see Burns KEA
Stockinger ZT: Death and life in Iraq, 17
Stoddard GJ see Samore MH
Stolzenberg-Solomon RZ, Graubard BI, Chari S, Limburg P, Taylor PR, Virtamo J, Albanes D: Insulin, glucose, insulin resistance, and pancreatic cancer in male smokers, 2872
Stone GW, Ellis SG, Cannon L, Mann JT, Greenberg JD, Spriggs D, O'Shaughnessy CD, DeMaio S, Hall P, Popma JJ, Koglin J, Russell ME, TAXUS V Investigators: Comparison of a polymer-based paclitaxel-eluting stent with a bare metal stent in patients with complex coronary artery disease: a randomized controlled trial, 1215
Stopfer J see Armstrong K
Strassburg T see Schiavi F
Strauss MH, Dorian P, Verma S: Fish oil supplementation and arrhythmias (letter) 2165
Strickler HD, Hall C, Wylie-Rosett J, Rohan T: Underweight, overweight, obesity, and excess deaths (letter) 551
Strikas RA see Casey CG
Strom BL see Koppel R
Stuebe AM, Rich-Edwards JW, Willett WC, Manson JE, Michels KB: Duration of lactation and incidence of type 2 diabetes, 2601
Stukel TA see Lee DS
Stults B see Samore MH
Subirana M see Masip J
Sugarman JR, Baumgardner GA: Quality improvement organizations and hospital care (letter) 2029
Sugiyama T, Tanaka H, Taguchi T: Folate and vitamin B_{12} for hip fracture prevention after stroke (letter) 791
Suissa S: Risk-treatment mismatch for heart failure (letter) 3087
Suissa S see Dial S
Suljić E see Başoğlu M
Sullivan L see Halbach JL
Sun Q, Wang A, Jin X, Natanzon A, Duquaine D, Brook RD, Aguinaldo J-GS, Fayad ZA, Fuster V, Lippmann M, Chen LC, Rajagopalan S: Long-term air pollution exposure and acceleration of atherosclerosis and vascular inflammation in an animal model, 3003
Sundström J see Ingelsson E
Sundt TM, Gersh BJ: Making sense of the maze: which patients with atrial fibrillation will benefit? 2357
Sung JJY see Cheng Y
Surbone A, Gallagher TH, Rich KR, Rowe M: *To Err Is Human* 5 years later (letter) 1758
Suryapranata H see De Luca G
Sussman B see D'Amico AV
Sutherland DER see Hering BJ; Matas AJ
Sveen L see Nanda R
Swahn MH see Brewer RD
Swain J see Appel LJ
Swap CJ, Nagurney JT: Value and limitations of chest pain history in the evaluation of patients with suspected acute coronary syndromes, 2623
Swedberg K see Demers C
Sweet K, Willis J, Zhou X-P, Gallione C, Sawada T, Alhopuro P, Khoo SK, Patocs A, Martin C, Bridgeman S, Heinz J, Pilarski R, Lehtonen R, Prior TW, Frebourg T, Teh BT, Marchuk DA, Aaltonen LA, Eng C: Molecular classification of patients with unexplained hamartomatous and hyperplastic polyposis, 2465
Swerdlow DL see Casey CG
SYNERGY Trial Investigators see Mahaffey KW
Szarek M see Pedersen TR
Szutkowski Z see Schiavi F

T

Tabery J, Parker L: *Politics in the Laboratory: The Constitution of Human Genomics* (Book Review) 1431
Taguchi T see Sugiyama T
Takahashi Y see Mann JJ
Takkouche B, Montes-Martínez A, Etminan M: Hair dye use and non-Hodgkin lymphoma (letter) 1205
Tammemagi CM, Nerenz D, Neslund-Dudas C, Feldkamp C, Nathanson D: Comorbidity and survival disparities among black and white patients with breast cancer, 1765
Tan DS-W, Sim DK-L, Chan ES-Y, Tan R-S: Abciximab in the treatment of ST-segment elevation myocardial infarction (letter) 1760
Tan I see Uchino S
Tan JS see File TM Jr
Tan R-S see Tan DS-W
Tanabe N see Watanabe H
Tanaka H see Sugiyama T
Tangen CM see Thompson IM
Tanghe HLJ see Smits M
TAXUS V Investigators see Stone GW
Taylor HG see Hack M
Taylor P: *Hope or Hype: The Obsession With Medical Advances and the High Cost of False Promises* (Book Review) 1429
Taylor PR see Stolzenberg-Solomon RZ
Teh BT see Sweet K
Ten Have T see Brown GK
Tepper J see Ost D
Tepper JE see Baxter NN
Tepper M, Whitehead J: Cognitive therapy and preventing suicide attempts (letter) 2847
Theroux P see Sabatine MS
Thier SO see Moses H III
Thomas JL see Wright KM
Thomas NJ see Willson DF
Thomas R see Chan F
Thompson CA see Montori VM
Thompson IM, Ankerst DP, Chi C, Lucia MS, Goodman PJ, Crowley JJ, Parnes HL, Coltman CA: Operating characteristics of prostate-specific antigen in men with an initial PSA level of 3.0 ng/mL or lower, 66
Thompson IM see Ankerst DP
Thompson IM, Tangen CM, Goodman PJ, Probstfield JL, Moinpour CM, Coltman CA: Erectile dysfunction and subsequent cardiovascular disease, 2996
Thompson JE see Curley MAQ
Thompson KM see Wendler D
Thomsen CL see Alarcon WA
Thun MJ see Jacobs EJ; Jemal A
Tibbetts DS see Alarcon WA
Tikkanen MJ see Pedersen TR
Tollefson MM see Christenson LJ
Tolwani A see Uchino S
Tomelleri G see Vattemi G
Tonin P see Vattemi G
Tonin PN see Foulkes WD
Topol EJ, Blumenthal D: Physicians advising investment firms (letter) 1897
Topol EJ see Nissen SE
Torgerson D, Moffett JK: Patient preference and validity of randomized controlled trials (letter) 41
Török TJ see Casey CG
Torpy JM:
Bariatric surgery, *JAMA* Patient Page, 1986
Fitness, *JAMA* Patient Page, 3048
Head injury, *JAMA* Patient Page, 1580
Hyperthyroidism, *JAMA* Patient Page, 146
Kidney transpantation, *JAMA* Patient Page, 2800
Premature infants, *JAMA* Patient Page, 390
Radiation therapy, *JAMA* Patient Page, 1296
Randomized controlled trials, *JAMA* Patient Page, 2262
Thrombophlebitis, *JAMA* Patient Page, 762
Wound infections, *JAMA* Patient Page, 2122
Torrà A see Cnattingius S
Touloukian RJ: *Principles and Practice of Pediatric Surgery, vols 1 & 2* (Book Review) 253
Tozzi V see Visco-Comandini U
Trainer TD: Mortality following prostate cancer recurrence after radical prostectomy (letter) 2969
Trizna Z: *Pathology of the Skin: With Clinical Correlations, vols 1 & 2* (Book Review) 3143
Trontell AE: RADAR project and the FDA (letter) 1206
Trubo R:
Endocrine-disrupting chemicals probed as potential pathways to illness, 291
Hormone changes in aging adults probed, 663
Interest in inhaled insulin grows, 1195
Managing lipid levels in diabetes beneficial but requires clinical judgment, 670
Researchers investigate factors linked to development of secondary diabetes, 668
Tsai J see Pedersen TR
Tu JV see Beck CA; Lee DS
Tulsky JA: Beyond advance directives: importance of communication skills at the end of life, 359
Twijnstra A see Smits M
Tyson JE, Saigal S: Outcomes for extremely low-birthweight infants: disappointing news, 371

U

Uchino S, Kellum JA, Bellomo R, Doig GS, Morimatsu H, Morgera S, Schetz M, Tan I, Bouman C, Macedo E, Gibney N, Tolwani A, Ronco C, Beginning and Ending Supportive Therapy for the Kidney (BEST Kidney) Investigators: Acute renal failure in critically ill patients: a multinational, multicenter study, 813
Uhl K see Moses-Kolko EL
Ullrich C, Wu A, Armsby C, Rieber S, Wingerter S, Brugnara C, Shapiro D, Bernstein H: Screening healthy infants for iron deficiency using reticulocyte hemoglobin content, 924
Ulm K see Kastrati A
Underwood W III see Fletcher KE
Ungaro N see Gallitelli M

V

Vachon CM see Christenson LJ
Vachon GC: Long-term use of aspirin and risk of colorectal cancer (letter) 3090
Valgimigli M: Tirofiban plus sirolimus-eluting stent vs abciximab plus bare-metal stent (letter) 1617
Välimäki M see Schiavi F
Van Cutsem E, Costa F: Progress in the adjuvant treatment of colon cancer: has it influenced clinical practice? 2758
van Dam RM, Hu FB:
Coffee consumption and development of type 2 diabetes (letter) 2299
Coffee consumption and risk of type 2 diabetes: a systematic review, 97
Van Damme P, Van Herck K: Effect of hepatitis A vaccination programs, 246
van der Brandt PA see Park Y
van der Meer JTM see Fowler VG Jr
Van Herck K see Van Damme P
van Leeuwen R, Boekhoorn S, Vingerling JR, Witteman JCM, Klaver CCW, Hofman A, de Jong PTVM: Dietary intake of antioxidants and risk of age-related macular degeneration, 3101
Vanhecke TE: HighWire Press (new media review) 2366
Vanjaka A see McIsaac WJ
VanRooyen MJ: *My Neighbor, My Enemy: Justice and Community in the Aftermath of Mass Atrocity* (Book Review) 1699
Varnik A see Mann JJ
Vattemi G, Tonin P, Filosto M, Rizzuto N, Tomelleri G, Perbellini L, Iacovelli W, Petrucci N: Human skeletal muscle as a target organ of trichloroethylene toxicity (research letter) 554
Vellozzi C see Casey CG
Verma S see Strauss MH
Versteegh MI see Annema JT
Veseliç M see Annema JT
Vicente R see Belda FJ
Vichinsky EP see Morris CR
Vingerling JR see van Leeuwen R
Vimig BA see Baxter NN
Virtamo J see Stolzenberg-Solomon RZ

Visco-Comandini U, Longo B, Perinelli P, Liuzzi G, Tozzi V, Anzidei G, Antinori A, Ippolito G, Girardi E, Budabbus MA, Eljhawi OA, Mehabresh M: Possible child-to-mother transmission of HIV by breastfeeding, 2301
Visser M see Kritchevsky SB
Vitek C see Casey CG
Voelker R:
AMA, AAMC say reform needed across continuum of US medical education, 416
Easy-to-use drug reports help patients and physicians weigh costs, benefits, 165
Katrina's impact on mental health likely to last years, 1599
New heart failure guidelines released, 892
Ramping up rehabilitation research urged as a "public health imperative" 2413
Rehabilitation medicine welcomes a robotic revolution, 1191
Vogel C see Martin M
Vogel RA see Gold JA
Vokes EE see Pasche B
Volpp KGM see Rathore SS
von Heijne G see Pasche B
Vos E, Rose CP: Risk factors for cardiovascular disease in women (letter) 2843
Vos PE see Smits M
Vranešić M see Başoğlu M

W

Walczak H see Hayes JM
Waldner LK: *As They See It: The Development of African AIDS Discourse* (Book Review) 850
Wallace RB see Hendrix SL
Walsh PC see Freedland SJ
Walter MA see Schiavi F
Walz MK see Schiavi F
Wang A see Sun Q
Wang CS, FitzGerald JM, Schulzer M, Mak E, Ayas NT: Does this dyspneic patient in the emergency department have congestive heart failure? 1944
Wang D see Demers C
Wang P see St Clair DS
Wang TJ see Murabito JM
Wang X see Morris CR
Wang Y see Magid DJ
Ward E see Jemal A
Ward PD see Huey RB
Warfa MA see Crosby SS
Waring R: Gurney, 1185
Warner AL see Rubin SA
Warren DS see Montgomery RA
Wasley A, Samandari T, Bell BP: Incidence of hepatitis A in the United States in the era of vaccination, 194
Wasserman D see Mann JJ
Wassertheil-Smoller S see Ockene JK
Watanabe H, Kodama M, Aizawa Y, Tanabe N: Earthquakes and Takotsubo cardiomyopathy (letter) 2169
Watanabe H, Kodama M, Okura Y, Aizawa Y, Tanabe N, Chinushi M, Nakamura Y, Nagai T, Sato M, Okabe M: impact of earthquake on Takotsubo cardiomyopathy (research letter) 305
Watanabe TK: *Physical Medicine and Rehabilitation: Principles and Practice, vols 1 & 2* (Book Review) 1969
Wathen CN see MacMillan HL
Watson BM see Keren R
Watson P see Douglas JA
Waugh WH: Arginine metabolism, pulmonary hypertension, and sickle cell disease (letter) 2432
Wears RL, Berg M: Computers and clinical work (letter) 182
Weaver AL see Christenson LJ
Weber JT: Appropriate use of antimicrobial drugs: a better prescription is needed, 2354
Weghorst CM see Pasche B
Weiford BC: *Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine* (Book Review) 376
Weil M, Schwartz B, Glass T, Bressler J: Blood mercury levels and neurobehavior (letter) 679
Weinberg GA, Luque AE, Brown ST: Nonoccupational HIV postexposure prophylaxis (letter) 1615
Weinberger MH: More novel effects of diet on blood pressure and lipids, 2497
Weinstein J see Kaye BA
Weiss S:
Saturday (Book Review) 1279
Symptoms of Unknown Origin: A Medical Odyssey (Book Review) 496
Weissman I: Stem cell research: paths to cancer therapies and regenerative medicine, 1359
Weissman JS, Betancourt J, Campbell EG, Park ER, Kim M, Clarridge B, Blumenthal D, Lee KC, Maina AW: Resident physicians' preparedness to provide cross-cultural care, 1058
Welker L see Annema JT
Wells GA see Stiell IG
Wen X-J see Casey CG
Wendler D, Belsky L, Thompson KM, Emanuel EJ: Quantifying the federal minimal risk standard: implications for "nonbeneficial" pediatric research, 826
Wendler D see Miller FG
Wessely S, Hyams KC, Rona RJ: Screening for psychological illness in the military (letter) 43
West CP: Contradictions in highly cited clinical research (letter) 2695
Westfall P, Young SS: Contradictions in highly cited clinical research (letter) 2695
Wheeler AB see Keren R
White CM, McBride BF: Electrocardiographic effects of a dietary supplement containing ephedra and caffeine (letter) 1487
White HD see Mahaffey KW; Morrow DA
Whitehead J see Tepper M
Whitney CG see Lexau CA
Whittington RA see Collins ED
Whitworth JAG see Elliott AM
Wilkes MS see Kravitz RL
Willems LNA see Annema JT
Willet-Brozick JE see Schiavi F
Willett WC, Hu FB, Colditz GA, Manson JE: Underweight, overweight, obesity, and excess deaths (letter) 551
Willett WC see Park Y; Stuebe AM; Winkelmayer WC
Williams DE see Gregg EW
Williams JC see Branas CC
Williams RL see Schlenger WE
Williamson DF see Flegal KM; Gregg EW
Williamson J see Samore MH
Willis J see Sweet K
Willson DF, Egan EA, Thomas NJ, DiCarlo JV, Pon S, Jefferson LS, Jacobs BR: Surfactant and pediatric acute lung injury (letter) 899
Willson DF, Thomas NJ, Markovitz BP, Baumann LA, DiCarlo JV, Pon S, Jacobs BR, Jefferson LS, Conaway MR, Egan EA, Pediatric Acute Lung Injury and Sepsis Investigators: Effect of exogenous surfactant (calfactant) in pediatric acute lung injury: a randomized controlled trial, **293**:470; correction, **294**:900
Wilson PWF see Murabito JM
Wilson-Costello D see Hack M
Wingerter S see Ullrich C
Winkelmayer WC, Stampfer MJ, Willett WC, Curhan GC: Habitual caffeine intake and the risk of hypertension in women, 2330
Winston CA see Zhou F
Wise RP see Izurieta HS
Wish JR see Davis DP
Wisner KL see Moses-Kolko EL
Witteman JCM see van Leeuwen R
Wohlfahrt J see Hviid A
Wolfe BM, Morton JM: Weighing in on bariatric surgery: procedure use, readmission rates, and mortality, 1960
Wolfe RA see Merion RM
Wolk A see Park Y
Wolski K see Nissen SE
Wolz M see Carroll MD
Wong RSM see Cheng Y
Wong S see Mamyrova G
Woodard JL see Sierles FS
Woolley M, Propst SM: Public attitudes and perceptions about health-related research, 1380
Worthington JR see Stiell IG
Wray D see Fowler VG Jr
Wright KM, Bliese PD, Adler AB, Hoge CW, Castro CA, Thomas JL: Screening for psychological illness in the military (letter) 42
Wright SM see Reed DA
Wright TC Jr see Denny L
Wu A see Ullrich C
Wu AW see Boyd CM
Wu X see Schabath MB
Wylie-Rosett J see Ockene JK; Strickler HD
Wypij D see Curley MAQ
Wyse DG see Mitchell LB

X

Xie SX see Brown GK
Xu M see St Clair DS

Y

Yao X, Larson EB: Acting and clinical empathy (letter) 39
Yip P see Mann JJ
Yorn SS:
Hiroshima Diary: The Journal of a Japanese Physician, August 6-September 30, 1945 (Book Review) 625
Selling Sickness: How the World's Pharmaceutical Companies Are Turning Us All Into Patients (Book Review) 1114
Young S see Harrison MI
Young SS see Westfall P
Youngner SJ: *Kidney for Sale by Owner: Human Organs, Transplantation, and the Market* (Book Review) 2366
Yu W see Richardson SS
Yu Y see St Clair DS
Yusuf S see Demers C; Mehta SR

Z

Zachary AA see Montgomery RA
Zahm SH, Fraumeni JF Jr: Hair dye use and non-Hodgkin lymphoma (letter) 1205
Zane EM see Pauker SG
Zaoutis TE see Keren R
Zee P see Dawson D
Zeleniuch-Jacquotte A see Park Y
Zentner JB see Holloway RG
Zerhouni EA: US biomedical research: basic, translational, and clinical sciences, 1352
Zethelius B see Ingelsson E
Zhang F see St Clair DS
Zhang SM see Park Y
Zheng X see St Clair DS
Zhou F, Harpaz R, Jumaan AO, Winston CA, Shefer A: Impact of varicella vaccination on health care utilization, 797
Zhou Q see Montori VM
Zhou X-P see Sweet K
Ziegler MG see Milic M
Zietman AL, DeSilvio ML, Slater JD, Rossi CJ Jr, Miller DW, Adams JA, Shipley WU: Comparison of conventional-dose vs high-dose conformal radiation therapy in clinically localized adenocarcinoma of the prostate: a randomized controlled trial, 1233
Zimmerman FJ see Bowman SM
Zingmond DS, McGory ML, Ko CY: Hospitalization before and after gastric bypass surgery, 1918
Ziogas A see Brewster WR

The name of the first author follows each entry in brackets. In general, the subject heading authority is the National Library of Medicine's Medical Subject Headings (MeSH), Alphabetical list, 2005.

A

Abciximab
Abciximab in the treatment of ST-segment elevation myocardial infarction (letter) [Tan] 1760 (reply) [De Luca] 1761
Tirofiban plus sirolimus-eluting stent vs abciximab plus bare-metal stent (letters) [Osman, De Luca] 1616, 1617 (reply) [Valgimigli] 1617

Abnormalities
Prospects for the future of child health through research [Feigin] 1373

Abortion
Clostridium sordellii toxic shock syndrome after medical abortion with mifepristone and intravaginal misoprostol—United States and Canada, 2001-2005, from CDC, 1894
Fetal pain: a systematic multidisciplinary review of the evidence [Lee] 947

Academic Medical Centers
Academic medical centers and medical research: the challenges ahead [Cohen] 1367
Role of the urban academic medical center in US health care [Hill] 2219
Separate and equitable promotion tracks for clinician-educators [Fleming] 1101

Acamprosate
Naltrexone treatment for alcohol dependency (letter) [Ameisen] 899 (reply) [Garbutt] 900

Accidents
Trends in the leading causes of death in the United States, 1970-2002 [Jemal] 1255

***N*-Acetylcysteine**
Perioperative *N*-acetylcysteine to prevent renal dysfunction in high-risk patients undergoing CABG surgery: a randomized controlled trial [Burns] 342

Acne Vulgaris
Isotretinoin risks, health agencies update [Hampton] 1481

Acting
Acting and clinical empathy (letters) [Haller, Lipsitt] (reply) [Yao] 39

Acute Coronary Syndromes
Acute coronary syndromes and regionalization of care (letter) [Haynes] (reply) [Rathore] 304
Excess dosing of antiplatelet and antithrombin agents in the treatment of non–ST-segment elevation acute coronary syndromes [Alexander] 3108
Experts promote adoption of chest pain guidelines by emergency departments [Mitka] 164
β_2-Adrenergic receptor genotype and survival among patients receiving β-blocker therapy after an acute coronary syndrome [Lanfear] 1526
High-risk patients with acute coronary syndromes treated with low-molecular-weight or unfractionated heparin: outcomes at 6 months and 1 year in the SYNERGY trial [Mahaffey] 2594
Prognostic value of serial B-type natriuretic peptide testing during follow-up of patients with unstable coronary artery disease [Morrow] 2866
Routine vs selective invasive strategies in acute coronary syndromes (letters) [Bavry, Carbajal] 2844, 2845 (reply) [Mehta] 2845
Value and limitations of chest pain history in the evaluation of patients with suspected acute coronary syndromes [Swap] 2623

Addison Disease
Adrenoleukodystrophy: new approaches to a neurodegenerative disease [Moser] 3131

Adenocarcinoma
Comparison of conventional-dose vs high-dose conformal radiation therapy in clinically localized adenocarcinoma of the prostate: a randomized controlled trial [Zietman] 1233
Radiation dose escalation as treatment for clinically localized prostate cancer: is more really better? [DeWeese] 1274

Adenomatous Polyposis Coli
Molecular classification of patients with unexplained hamartomatous and hyperplastic polyposis [Sweet] 2465
Unwinding the heterogeneous nature of hamartomatous polyposis syndromes [Carethers] 2498

Adiponectin
Insulin resistance and congestive heart failure (letter) [Stefan] (reply) [Ingelsson] 2578

Administration, Cutaneous
Fentanyl patch advisory, health agencies update [Hampton] 893

Administration, Inhalation
Interest in inhaled insulin grows [Trubo] 1195

Adolescent
Binge drinking and violence [Brewer] 616
Iatrogenic risk of screening for youth suicide (letter) [Schlenger] 2578 (reply) 2579
Mental illness takes heavy toll on youth [Kuehn] 293
Prevalence and cardiovascular disease correlates of low cardiorespiratory fitness in adolescents and adults [Carnethon] 2981
Self-reported asthma among high school students—United States, 2003, from CDC, 1891

Adrenal Cortex Hormones
Medical treatment of juvenile idiopathic arthritis [Hashkes] 1671

Adrenal Insufficiency
Adrenal insufficiency [Salvatori] 2481
Adrenal insufficiency, *JAMA* Patient Page [Brender] 2528

Adrenergic β-Antagonists
Administrative data feedback for effective cardiac treatment: AFFECT, a cluster randomized trial [Beck] 309
β_2-adrenergic receptor genotype and survival among patients receiving β-blocker therapy after an acute coronary syndrome [Lanfear] 1526
Risk-treatment mismatch for heart failure (letter) [Suissa] (reply) [Lee] 3087
Risk-treatment mismatch in the pharmacotherapy of heart failure [Lee] 1240

Adrenocorticotropin see Corticotropin

Adrenoleukodystrophy
Adrenoleukodystrophy: new approaches to a neurodegenerative disease [Moser] 3131

Advance Directives
Beyond advance directives: importance of communication skills at the end of life [Tulsky] 359

Adverse Drug Reaction see Drug Reaction, Adverse

Adverse Reaction
Endocrine-disrupting chemicals probed as potential pathways to illness [Trubo] 291
Fish oil supplementation and arrhythmias (letter) [Strauss] (reply) [Raitt] 2165
Nanotechnology safety, health agencies update [Hampton] 2564

Advertising
Direct-to-consumer advertising and physician prescribing (letter) [Miller] (reply) [Kravitz] 678

Affective Symptoms
Mental health in the United States: health care and well being of children with chronic emotional, behavioral, or developmental problems—United States, 2001, from CDC, 2567

Africa
Progress toward global eradication of dracunculiasis, January 2004–July 2005, from CDC, 2839

African Sleeping Sickness see Trypanosomiasis, African

Age Factors
Adjuvant chemotherapy for stage III colon cancer: implications of race/ethnicity, age, and differentiation [Jessup] 2703

Aging
Angiotensin-converting enzyme insertion/deletion genotype, exercise, and physical decline [Kritchevsky] 691
Hormone changes in aging adults probed [Trubo] 663
Provision or distribution of growth hormone for "anti-aging" clinical and legal issues [Perls] 2086
Study reveals mitochondrial role in aging [Hampton] 672
Trends in the leading causes of death in the United States, 1970-2002 [Jemal] 1255

AIDS
AIDS funding boost, capitol health call [Mitka] 2833
Global HIV/AIDS Report, the world in medicine [Stephenson] 2961
Trends in HIV/AIDS diagnoses—33 states, 2001-2004, from CDC, 3076

Air Pollution
Long-term air pollution exposure and acceleration of atherosclerosis and vascular inflammation in an animal model [Sun] 3003
Medical groups sue EPA over mercury rule [Kuehn] 415
Mercury rule challenged, capitol health call [Kuehn] 1201

Airport
False alarms at airports, the world in medicine [Stephenson] 787

Albert Lasker Medical Research Awards
Albert Lasker Medical Research Awards, 60 years of basic discoveries and clinical advances 1426; correction, 1762
Lasker awards: celebrating scientific discovery [Marshall] 1420
Lasker Foundation and recognition of scientific excellence [Edwards] 1422
Mary Lasker and her prizes: an appreciation [Bishop] 1418
Medical research—state of the science [Fontanarosa] 1424
Reflections on the Lasker prize for basic biomedical research [Berg] 1419
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327

Albumins
Biomarkers for mortality and cardiovascular events (letter) [Koenig] (reply) [Kistorp] 303

Alcohol Drinking
Alcohol and cancer, health care agencies [Hampton] 1481
Binge drinking and violence [Brewer] 616
Mental health of Cambodian refugees 2 decades after resettlement in the United States [Marshall] 571
Naltrexone treatment for alcohol dependency (letter) [Ameisen] 899 (reply) [Garbutt] 900
Neurobehavioral performance of residents after heavy night call vs after alcohol ingestion [Arnedt] 1025
Treating chronic insomnia, health agencies update [Hampton] 418

Alzheimer Disease
Blood mercury levels and neurobehavior (letter) [Mutter] (reply) [Weil] 679
Immunization with β-amyloid$_{(1-42)}$ protein for Alzheimer disease: genomics predicts the response [Rosenberg] 2352
Reducing Alzheimer risk, the world in medicine [Stephenson] 2423

Ambulatory Care
Insurance status and access to urgent ambulatory care follow-up appointments [Asplin] 1248
Office-based treatment for opioid addiction achieving goals [Kuehn] 784

American Academy of Pediatrics
Policy targets lowering SIDS incidence [Mitka] 2420

American Medical Association
AMA, AAMC say reform needed across continuum of US medical education [Voelker] 416

Amiodarone
Prophylactic oral amiodarone for the prevention of arrhythmias that begin early after revascularization, valve replacement, or repair: PAPABEAR: a randomized controlled trial [Mitchell] 3093

Amoxicillin
Antibiotic treatment of children with sore throat [Linder] 2315

Amygdala
Brain and behavior, health agencies update [Hampton] 893

Amyloid β-Protein
Immunization with β-amyloid$_{(1-42)}$ protein for Alzheimer disease: genomics predicts the response [Rosenberg] 2352

Anaphylaxis
Adverse events reported following live, cold-adapted, intranasal influenza vaccine [Izurieta] 2720; correction, 3092
Anastomosis, Roux-en-Y
Hospitalization before and after gastric bypass surgery [Zingmond] 1918
Androgen Deprivation Therapy
Androgen deprivation therapy for prostate cancer [Sharifi] 238
Androgens
Self-reported sexual function in women and androgen levels (letter) [Dhatariya] 2167 (reply) [Davis] 2168
Androstenedione
Circulating androgen levels and self-reported sexual function in women [Davis] 91
Anemia, Iron Deficiency
Screening healthy infants for iron deficiency using reticulocyte hemoglobin content [Ullrich] 924
Anemia, Sickle Cell
Arginine metabolism, pulmonary hypertension, and sickle cell disease (letters) [Waugh, Kielstein] 2432, 2433 (reply) [Morris] 2433
Dysregulated arginine metabolism, hemolysis-associated pulmonary hypertension and mortality in sickle cell disease [Morris] 81
Anesthesia
Anesthesia-assisted vs buprenorphine- or clonidine-assisted heroin detoxification and naltrexone induction: a randomized trial [Collins] 903
Fetal pain: a systematic multidisciplinary review of the evidence [Lee] 947
Methods of detoxification and their role in treating patients with opioid dependence [O'Connor] 961
Angina Pectoris
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Angina, Unstable
Acute coronary syndromes and regionalization of care (letter) [Haynes] (reply) [Rathore] 304
β_2-Adrenergic receptor genotype and survival among patients receiving β-blocker therapy after an acute coronary syndrome [Lanfear] 1526
Excess dosing of antiplatelet and antithrombin agents in the treatment of non–ST-segment elevation acute coronary syndromes [Alexander] 3108
Experts promote adoption of chest pain guidelines by emergency departments [Mitka] 164
High-risk patients with acute coronary syndromes treated with low-molecular-weight or unfractionated heparin: outcomes at 6 months and 1 year in the SYNERGY trial [Mahaffey] 2594
Routine vs selective invasive strategies in acute coronary syndromes (letters) [Bavry, Carbajal] 2844, 2845 (reply) [Mehta] 2845
Value and limitations of chest pain history in the evaluation of patients with suspected acute coronary syndromes [Swap] 2623
Angiography, Coronary see Coronary Angiography
Angiotensin-Converting Enzyme see Peptidyl-Dipeptidase A
Angiotensin Receptor Blockers
Impact of candesartan on nonfatal myocardial infarction and cardiovascular death in patients with heart failure [Demers] 1794
Kidney failure rates end 20-year climb [Mitka] 2563
Risk-treatment mismatch for heart failure (letter) [Suissa] (reply) [Lee] 3087
Risk-treatment mismatch in the pharmacotherapy of heart failure [Lee] 1240
Angiotensin-Converting Enzyme Inhibitors
Kidney failure rates end 20-year climb [Mitka] 2563
Risk-treatment mismatch for heart failure (letter) [Suissa] (reply) [Lee] 3087
Risk-treatment mismatch in the pharmacotherapy of heart failure [Lee] 1240
Animal Models
Advances aim to ease stem cell concerns [Kuehn] 2557
Animal genome sequencing, health agencies update [Hampton] 418
Early obesity trigger? the world in medicine [Stephenson] 297
Edible rice vaccine, the world in medicine [Stephenson] 2961
Long-term air pollution exposure and acceleration of atherosclerosis and vascular inflammation in an animal model [Sun] 3003
Methodological standards in human vs animal clinical trials (letter) [Heard] (reply) [Pluta] 40
Novel lupus therapies show promise [Kuehn] 2960
Role of environment in addiction probed [Kuehn] 2953
Roots of psoriasis, the world in medicine [Stephenson] 1890
Study reveals mitochondrial role in aging [Hampton] 672
Vaccines against Ebola and Marburg viruses show promise in primate studies [Hampton] 163
Animals, Domestic
Equine influenza jumps to canines [Hampton] 2015
Anoxemia
HIV testing without consent in critically ill patients [Halpern] 734
Ventilatory management of acute lung injury and acute respiratory distress syndrome [Fan] 2889
Antianxiety Agents
Antianxiety inclusion, capitol health call [Kuehn] 673
Antibacterial Agents
Antibiotic prescribing for low respiratory tract infection (letter) [Jimbo] 3089 (reply) [Little] 3090
Antibiotic prescribing for lower respiratory tract infection (letter) [Stapczynski] (reply) [Ebell] 2032
Antibiotic treatment of children with sore throat [Linder] 2315
Appropriate use of antimicrobial drugs: a better prescription is needed [Weber] 2354
Clinical decision support and appropriateness of antimicrobial prescribing: a randomized trial [Samore] 2305
Antibiotics see Antibacterial Agents
Anticoagulants
Clinical factors and recurrent venous thrombotic events (letter) [Flansbaum] (reply) [Cannegieter] 1489
Continuing anticoagulation following venous thromboembolism (letter) [Krakow] (reply) [Ost] 3088
Duration of anticoagulation following venous thromboembolism: a meta-analysis [Ost] 706
Antidepressive Agents
Risks and benefits key to psychotropic use during pregnancy and postpartum period [Lamberg] 1604
Treating chronic insomnia, health agencies update [Hampton] 418
Antihistamines see Histamine H$_1$ Antagonists
Anti-HIV Agents
Nonoccupational HIV postexposure prophylaxis (letter) [Weinberg] (reply) [Mayer] 1615
Anti-inflammatory Agents, Nonsteroidal
Long-term use of aspirin and nonsteroidal anti-inflammatory drugs and risk of colorectal cancer [Chan] 914
Long-term use of aspirin and risk of colorectal cancer (letter) [Vachon] (reply) [Chan] 3090
Medical treatment of juvenile idiopathic arthritis [Hashkes] 1671
Researchers discover a range of factors undermine sperm quality, male fertility [Hampton] 2829
Use of gastric acid–suppressive agents and the risk of community-acquired *Clostridium difficile*–associated disease [Dial] 2989
Antimalarials
Identification of potential multitarget antimalarial drugs [Jenwitheesuk] 1490
Antioxidants
Dietary intake of antioxidants and risk of age-related macular degeneration [van Leeuwen] 3101
Studies probe diet's role in eye disease [Kuehn] 32
Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56
Antiplatelet Agents see Platelet Aggregation Inhibitors
Antipsychotic Agents
Antipsychotic drugs in dementia: what should be made of the risks? [Rabins] 1963
Risk of death with atypical antipsychotic drug treatment for dementia: meta-analysis of randomized placebo-controlled trials [Schneider] 1934
Antiretroviral Therapy, Highly Active
Researchers investigate factors linked to development of secondary diabetes [Trubo] 668
Anus Neoplasms
Risk of pelvic fractures in older women following pelvic irradiation [Baxter] 2587
Anxiety Disorders
Internet seen as clinical research tool [Mitka] 2290
Mental illness takes heavy toll on youth [Kuehn] 293
Risks and benefits key to psychotropic use during pregnancy and postpartum period [Lamberg] 1604
Apolipoproteins
Non–HDL cholesterol, apolipoproteins A-I and B$_{100}$, standard lipid measures, lipid ratios, and CRP as risk factors for cardiovascular disease in women [Ridker] 326
Risk factors for cardiovascular disease in women (letters) [Sniderman, Vos] 2843 (reply) [Ridker] 2844
Arginine
Arginine metabolism, pulmonary hypertension, and sickle cell disease (letters) [Waugh, Kielstein] 2432, 2433 (reply) [Morris] 2433
Dysregulated arginine metabolism, hemolysis-associated pulmonary hypertension and moratlity in sickle cell disease [Morris] 81
Aripiprazole
Risk of death with atypical antipsychotic drug treatment for dementia: meta-analysis of randomized placebo-controlled trials [Schneider] 1934
Arrhythmia
Fish oil supplementation and arrhythmias (letter) [Strauss] (reply) [Raitt] 2165
Prophylactic oral amiodarone for the prevention of arrhythmias that begin early after revascularization, valve replacement, or repair: PAPABEAR: a randomized controlled trial [Mitchell] 3093
Prophylaxis against postoperative atrial fibrillation: current progress and future directions [Podgoreanu] 3140
Art
Ovarian cancer inspires art exhibit [Lamberg] 2831
Arteriosclerosis
Comparison of a polymer-based paclitaxel-eluting stent with a bare metal stent in patients with complex coronary artery disease: a randomized controlled trial [Stone] 1215
Long-term air pollution exposure and acceleration of atherosclerosis and vascular inflammation in an animal model [Sun] 3003
Paclitaxel-eluting stents in complex lesions [Colombo] 1268
Trends in serum lipids and lipoproteins of adults, 1960-2002 [Carroll] 1773
Arthritis, Juvenile Rheumatoid
Juvenile idiopathic arthritis, *JAMA* Patient Page [Ringold] 1722; correction, 2580
Medical treatment of juvenile idiopathic arthritis [Hashkes] 1671
Arthritis, Rheumatoid
Early rheumatoid arthritis treatments weighed [Mitka] 3073
Monitoring progress in arthritis management—United States and 25 states, 2003, from CDC, 789
Ascorbic Acid
Dietary intake of antioxidants and risk of age-related macular degeneration [van Leeuwen] 3101
Studies probe diet's role in eye disease [Kuehn] 32
Asian Americans
Genetic influences on health: does race matter? [Bamshad] 937; correction, 1620
Asphyxia
Number of injury deaths, by mechanism and intent—United States, 2002, 550
Aspirin
Long-term use of aspirin and nonsteroidal anti-inflammatory drugs and risk of colorectal cancer [Chan] 914
Long-term use of aspirin and risk of colorectal cancer (letter) [Vachon] (reply) [Chan] 3090
Low-dose aspirin and vitamin E: challenges and opportunities in cancer prevention [Jacobs] 105
Low-dose aspirin in the primary prevention of cancer: the Women's Health Study: a randomized controlled trial [Cook] 47
Association of American Medical Colleges
AMA, AAMC say reform needed across continuum of US medical education [Voelker] 416
Asthma
Adverse events reported following live, cold-adapted, intranasal influenza vaccine [Izurieta] 2720; correction, 3092
Self-reported asthma among high school students—United States, 2003, from CDC, 1891
Atrial Fibrillation
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Fish oil supplementation and arrhythmias (letter) [Strauss] (reply) [Raitt] 2165
Left atrial radiofrequency ablation during mitral valve surgery for continuous atrial fibrillation: a randomized controlled trial [Doukas] 2323
Making sense of the maze: which patients with atrial fibrillation will benefit? [Sundt] 2357
Prophylactic oral amiodarone for the prevention of arrhythmias that begin early after revascularization, valve replacement, or repair: PAPABEAR: a randomized controlled trial [Mitchell] 3093
Prophylaxis against postoperative atrial fibrillation: current progress and future directions [Podgoreanu] 3140
Attention Deficit Disorder With Hyperactivity
Mental health in the United States: prevalence of diagnosis and medication treatment for attention-deficit/hyperactivity disorder—United States, 2003, from CDC, 2293
Australia
Drug prices and value for money: the Australian Pharmaceutical Benefits Scheme [Henry] 2630
Autistic Disorder
Prospects for the future of child health through research [Feigin] 1373
Automobile Collisions
Number of injury deaths, by mechanism and intent—United States, 2002, 550
Awards and Prizes
Albert Lasker Medical Research Awards, 60 years of basic discoveries and clinical advances 1426; correction, 1762
Lasker awards: celebrating scientific discovery [Marshall] 1420
Lasker Foundation and recognition of scientific excellence [Edwards] 1422

Mary Lasker and her prizes: an appreciation [Bishop] 1418
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327

B

Baclofen
Naltrexone treatment for alcohol dependency (letter) [Ameisen] 899 (reply) [Garbutt] 900
Bacterial Toxins
Virulent *C difficile*, the world in medicine [Stephenson] 2423
Bariatric Surgery
Bariatric surgery, *JAMA* Patient Page [Torpy] 1986
Early mortality among Medicare beneficiaries undergoing bariatric surgical procedures [Flum] 1903
Filling the gaps in bariatric surgical research [Courcoulas] 1957; correction, 2848
Hospitalization before and after gastric bypass surgery [Zingmond] 1918
Trends in bariatric surgical procedures [Santry] 1909
Weighing in on bariatric surgery: procedure use, readmission rates, and mortality [Wolfe] 1960
Weight-loss surgeries up, health agencies update [Hampton] 893
Bats see *Chiroptera*
Behavior Therapy
Could a novel vaccine help smokers quit? [Kuehn] 891
New mind/body tactics target medically unexplained physical symptoms and fears [Lamberg] 2152
Behavioral Symptoms
Mental health in the United States: health care and well being of children with chronic emotional, behavioral, or developmental problems— United States, 2001, from CDC, 2567
Bell Palsy
Neurologic adverse events associated with smallpox vaccination in the United States, 2002-2004 [Sejvar] 2744; correction, 3092
Benzodiazepines
Antianxiety inclusion, capitol health call [Kuehn] 673
Berg, Jeremy
Jeremy Berg, PhD: heading up a "catch-all" research institute [Hampton] 2685
Beta Carotene
Dietary intake of antioxidants and risk of age-related macular degeneration [van Leeuwen] 3101
Essential nutrients: food or supplements? where should the emphasis be? [Lichtenstein] 351
Studies probe diet's role in eye disease [Kuehn] 32
Binge Drinking see Alcohol Drinking
Biocompatible Materials
Researchers size up nanotechnology risks [Hampton] 1881
Biofilms
Update: *Ralstonia* species associated with Vapotherm oxygen delivery devices—United States, 2005, from CDC, 3082
Biological Markers
Biomarkers for mortality and cardiovascular events (letter) [Koenig] (reply) [Kistorp] 303
Immunization with β-amyloid$_{(1-42)}$ protein for Alzheimer disease: genomics predicts the response [Rosenberg] 2352
Mechanical reperfusion more than 12 hours after acute myocardial infarction (letters) [Rubin, Kanna, Schömig] 2030, 2031
Non–HDL cholesterol, apolipoproteins A-I and B$_{100}$, standard lipid measures, lipid ratios, and CRP as risk factors for cardiovascular disease in women [Ridker] 326
Ovarian cancer tests, health agencies update [Hampton] 3075
Prognostic value of serial B-type natriuretic peptide testing during follow-up of patients with unstable coronary artery disease [Morrow] 2866
Psychiatry as a clinical neuroscience discipline [Insel] 2221
Relevance of urine telomerase in the diagnosis of bladder cancer [Sanchini] 2052
Biomedical Engineering
Robert Langer, ScD—engineering medicine [Friedrich] 1609
Biopsy
Frozen section biopsy, *JAMA* Patient Page [Brender] 3200
Bioterrorism
Adverse events associated with smallpox vaccination in the United States, January-October 2003 [Casey] 2734
Readiness of local public health agencies to respond to bioterrorism questioned [Mitka] 1884
Ricin poisoning: a comprehensive review [Audi] 2342
Terrorism assails nation's psyche [Lamberg] 544
Bipolar Disorder
Risks and benefits key to psychotropic use during pregnancy and postpartum period [Lamberg] 1604
Birth Order
Birth order and MS, the world in medicine [Stephenson] 1331
Bisphenol A
Endocrine-disrupting chemicals probed as potential pathways to illness [Trubo] 291
Blacks
Adjuvant chemotherapy for stage III colon cancer: implications of race/ethnicity, age, and differentiation [Jessup] 2703
Comorbidity and survival disparities among black and white patients with breast cancer [Tammemagi] 1765
Disparities in deaths from stroke among persons aged <75 years—United States, 2002, from CDC, 299
Genetic influences on health: does race matter? [Bamshad] 937; correction, 1620
Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry [Nanda] 1925
Percentage of persons aged ≥20 years with hypertension by race/ethnicity—United States, 1999-2002, 2966
Racial/ethnic disparities in infant mortality—United States, 1995-2002, from CDC, 298
Socioeconomic status in health research: one size does not fit all [Braveman] 2879
Bladder Neoplasms
Relevance of urine telomerase in the diagnosis of bladder cancer [Sanchini] 2052
Blood Glucose
Duration of lactation and incidence of type 2 diabetes [Stuebe] 2601
Transmission of hepatitis B virus among persons undergoing blood glucose monitoring in long-term–care facilities—Mississippi, North Carolina, and Los Angeles County, California, 2003-2004, from CDC, 35
Blood Pressure
Chronic kidney disease and cardiovascular risk (letter) [O'Rourke] (reply) [Shlipak] 791
Effects of protein, monounsaturated fat, and carbohydrate intake on blood pressure and serum lipids: results of the Omniheart randomized trial [Appel] 2455
More novel effects of diet on blood pressure and lipids [Weinberger] 2497
Blotting, Southern
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327
Bocavirus see Parvovirus
Body Mass Index
Insulin resistance and risk of congestive heart failure [Ingelsson] 334
Obesity's role in heart disease requires apples and pears comparison [Mitka] 3071
Trends in bariatric surgical procedures [Santry] 1909
Underweight, overweight, obesity, and excess deaths (letters) [Strickler, Willett, Ding, Greenberg] 551, 552 (reply) [Flegal] 552
Weighing in on bariatric surgery: procedure use, readmission rates, and mortality [Wolfe] 1960
Body Weight
Evaluation and treatment of primary hyperparathyroidism (letters) [Grey, Mikhail] 2699, 2700
Bone Density
Evidence-based guidelines needed for osteoporosis screening and treatment [Kuehn] 34
Folate and vitamin B$_{12}$ for hip fracture prevention after stroke (letter) [Sugiyama] 791 (reply) [Sato] 792
Relationship between serum parathyroid hormone levels, vitamin D sufficiency, and calcium intake [Steingrimsdottir] 2336
Bone Diseases, Metabolic
Hormone changes in aging adults probed [Trubo] 663
Bone Mineral Density see Bone Density
BOOK REVIEWS (Meyer HS, ed)
Adelson B: *Dwarfism: Medical and Psychosocial Aspects of Profound Short Stature* [Schmidt] 3033
Aminoff M, ed: *Electrodiagnosis in Clinical Neurology* [McQuillen] 1116
Andreoli T, Carpenter CC, Griggs R, Loscalzo J, eds: *Cecil Essentials of Medicine* [Falik] 1113
Annas GJ: *American Bioethics: Crossing Human Rights and Health Law Boundaries* [Kahn] 628
Baker J, Pearson H, eds: *Dedicated to the Health of All Children: 75 Years of Caring, 1930-2005* [Mahnke] 3032
Balducci L, Lyman GH, Ershler WB, Extermann M, eds: *Comprehensive Geriatric Oncology* [Lichtman] 745
Baldwin P: *Disease and Democracy: The Industrialized World Faces AIDS* [Kellier] 1826
Banja J: *Medical Errors and Medical Narcissism* [Hébert] 115
Barker G: *Dying to Be Men: Youth, Masculinity and Social Exclusion* [Moore] 3143
Barnes E: *Diseases and Human Evolution* [Steinbock] 2772
Beal M, Lang A, Ludolph A: *Neurodegenerative Diseases: Neurobiology, Pathogenesis and Therapeutics* [Attarian] 2640
Blank R, Merrick J, eds: *End-of-Life Decision Making: A Cross-National Study* [Sinclair] 1278
Blumlein M: *The Healer* [Hazin] 966
Byerly CR: *Fever of War: The Influenza Epidemic in the US Army During World War I* [Cunha] 113
Carmen IH: *Politics in the Laboratory: The Constitution of Human Genomics* [Tabery] 1431
Cassell CK: *Medicare Matters: What Geriatric Medicine Can Teach American Health Care* [Crystal] 2238
Cherry M: *Kidney for Sale by Owner: Human Organs, Transplantation, and the Market* [Youngner] 2366
Crenner C: *Private Practice: In the Early Twentieth-Century Medical Office of Dr. Richard Cabot* [Kornstein] 1113
Critser G: *Generation Rx: How Prescription Drugs Are Altering American Lives, Minds, and Bodies* [Brown] 2639
Daly J: *Evidence-Based Medicine and the Search for a Science of Clinical Care* [Godwin] 1429
Danieli Y, Brom D, Sills J, eds: *The Trauma of Terrorism: Sharing Knowledge and Shared Care—An International Handbook* [Sparr] 629
Darby R: *A Surgical Temptation: The Demonization of the Foreskin and the Rise of Circumcision in Britain* [Nye] 2771
DeLisa JA, Gans BM, Walsh NE, eds: *Physical Medicine and Rehabilitation: Principles and Practice, vols 1 & 2* [Watanabe] 1969
Derickson A: *Health Security for All: Dreams of Universal Health Care in America* [Campbell] 1826
Detmer D, Steen E, eds: *The Academic Health Center: Leadership and Performance* [Cherniack] 2770
DeVita VT Jr, Hellman S, Rosenberg SA, eds: *Cancer: Principles and Practice of Oncology* [Hughes] 747
DeVita-Raeburn E: *The Empty Room: The Loss of a Brother or Sister at Any Age* [Morton] 253
Deyo R, Patrick DL: *Hope or Hype: The Obsession With Medical Advances and the High Cost of False Promises* [Taylor] 1429
Downing R: *As They See It: The Development of African AIDS Discourse* [Waldner] 850
Doyle D, Hanks G, Cherny N, Calman K, eds: *Oxford Textbook of Palliative Medicine* [Cintron] 1698
Evans DL, Foa EB, Gur RE, Hendin H, O'Brien CP, Seligman MEP, Walsh BT, eds: *Treating and Preventing Adolescent Mental Health Disorders—What We Know and What We Don't Know: A Research Agenda for Improving the Mental Health of Our Youth* [O'Malley] 2099
Evans L: *Traffic Safety* [Eisenberg] 746
Ferri F, ed: *Ferri's Clinical Advisor: Instant Diagnosis and Treatment 2006* [Jantunen] 3146
Fleisher GR, Ludwig S, Henretig F, Ruddy R, Silverman B, eds: *Textbook of Pediatric Emergency Medicine* [Nelson] 1827
Fuster V, Topol E, Nabel E, eds: *Atherothrombosis and Coronary Artery Disease* [Gupta] 1555
Galea S, Vlahov D, eds: *Handbook of Urban Health: Populations, Methods, and Practice* [Lopez] 2098
Gastel B: *Health Writer's Handbook* [Simbra] 1701
Gazzaniga M: *The Ethical Brain* [Camicioli] 1970
Gazzaniga M, ed: *The Cognitive Neurosciences III* [Chee] 116
Gilman S, Xun Z: *Smoke: A Global History of Smoking* [Proctor] 255
Golden J: *Message in a Bottle: The Making of Fetal Alcohol Syndrome* [Powers] 498
Gordon S: *Nursing Against the Odds: How Health Care Cost Cutting, Media Stereotypes, and Medical Hubris Undermine Nurses and Patient Care* [Mark] 848
Green DP, Hotchkiss RN, Pederson WC, Wolfe SW, eds: *Green's Operative Hand Surgery, vols 1 & 2* [Gorantla] 968
Guillemin J: *Biological Weapons: From the Invention of State-Sponsored Programs to Contemporary Bioterrorism* [May] 2914
Gunn SW, Mansourian P, Davies A, Piel A, Sayers B, eds: *Understanding the Global Dimensions of Health* [Hyder] 3145
Guyton AC, Hall JE: *Textbook of Medical Physiology* [Michael] 2639
Hachiya M: *Hiroshima Diary: The Journal of a Japanese Physician, August 6-September 30, 1945* [Yom] 625
Halpern S: *Lesser Harms: The Morality of Risk in Medical Research* [Blackman] 626
Hoffman R, Benz E, Shattil S, eds: *Hematology: Basic Principles and Practice. Fourth e-dition* [Roth] 495
Kaufman SR: *. . . And a Time to Die: How American Hospitals Shape the End of Life* [Bascom] 114
Kodish E, ed: *Ethics and Research With Children: A Case-Based Approach* [Kon] 1430
Kovner AR, Knickman JR, eds: *Jonas and Kovner's Health Care Delivery in the United States* [Bloom] 1968
LaVeist T: *Minority Populations and Health: An Introduction to Health Disparities in the United States* [Milio] 1280
Lowe KK, Kraemer CK, Kupfer DJ: *To Your Health: How to Understand What Research Tells Us about Risk* [Neumann] 2365
MacDonald MG, Mullett MD, Seshia MMK, eds: *Avery's Neonatology: Pathophysiology and Management of the Newborn* [Puppala] 1968
Mayer K, ed: *The AIDS Pandemic: Impact on Science and Society* [Morin] 849
Mayes R: *Universal Coverage: The Elusive Quest for National Health Insurance* [Ferris] 1556
McEwan I: *Saturday* [Weiss] 1279
McKee PH, Calonje E, Granter SR, eds: *Pathology of the Skin: With Clinical Correlations, vols 1 & 2* [Trizna] 3143
Meador C: *Symptoms of Unknown Origin: A Medical Odyssey* [Weiss] 496

Miller NR, Newman NJ, Biousse V, Kerrison JB, eds: *Walsh and Hoyt's Clinical Neuro-ophthalmology, vols 1-3* [Bennett] 1970
Mohrmann M: *Attending Children: A Doctor's Education* [McIntire] 2504
Moore K, Dalley A: *Clinically Oriented Anatomy* [Skandalakis] 2364
Morath J, Turnbull J: *To Do No Harm: Ensuring Patient Safety in Health Care Organizations* [Feldman] 375
Morone J, Jacobs L, eds: *Healthy, Wealthy, and Fair: Health Care and the Good Society* [Shi] 1700
Moynihan R, Cassels A: *Selling Sickness: How the World's Pharmaceutical Companies Are Turning Us All Into Patients* [Yom] 1114
Murray TJ: *Multiple Sclerosis: The History of a Disease* [Bosch] 376
Nadelson T: *Trained to Kill: Soldiers at War* [Feldmann] 3144
Offit P: *The Cutter Incident: How America's First Polio Vaccine Led to the Growing Vaccine Crisis* [Slifka] 2915
Oldham K, Colombani P, Foglia R, Skinner M, eds: *Principles and Practice of Pediatric Surgery, vols 1 & 2* [Touloukian] 253
Orient J: *Sapira's Art and Science of Bedside Diagnosis* [Scott] 2641
Oshinsky D: *Polio—An American Story: The Crusade That Mobilized the Nation Against the 20th Century's Most Feared Disease* [Siegel] 1277
Pilch R, Zilinskas R, eds: *Encyclopedia of Bioterrorism Defense* [Allen] 2913
Quadagno J: *One Nation Uninsured: Why the US Has No National Health Insurance* [Andersen] 849
Rapport R: *Nerve Endings: The Discovery of the Synapse* [Freeman] 745
Reidy J: *Hard Sell: The Evolution of a Viagra Salesman* [Morgan] 496
Richardson K: *internet Discourse and Health Debates* [Satya-Murti] 374
Robins N: *Copeland's Cure: Homeopathy and the War Between Conventional and Alternative Medicine* [Hoffman] 1829
Rowland LP, ed: *Merritt's Neurology* [Fermaglich] 2097
Sachs J: *The End of Poverty: Economic Possibilities for Our Time* [Bonds] 1558
Sadock BJ, Sadock VA, eds: *Kaplan and Sadock's Comprehensive Textbook of Psychiatry, vols 1 & 2* [Fleisher] 966
Sanson G: *The Myth of Osteoporosis: What Every Woman Should Know About Creating Bone Health* [Seewaldt] 113
Scott C, Fiske P, Moynihan R: *Selling Sickness* [Yom] 1114
Scull A: *Madhouse: A Tragic Tale of Megalomania and Modern Medicine* [Hirshbein] 968
Shell M: *Polio and Its Aftermath: The Paralysis of Culture* [Kroll-Smith] 1829
Siegal M: *False Alarm: the Truth About the Epidemic of Fear* [Satya-Murti] 2503
Skandalakis J, ed: *Skandalakis' Surgical Anatomy: The Embryologic and Anatomic Basis of Modern Surgery, vols 1 & 2* [Espat] 1556
Sloan F, Ostermann J, Picone G, Conover C, Taylor DH Jr: *The Price of Smoking* [Levy] 254
Steele V: *Bleed, Blister, and Purge: A History of Medicine on the American Frontier* [Rietz] 2505
Stern AM: *Eugenic Nation: Faults and Frontiers of Better Breeding in Modern America* [Adams] 2098
Stover E, Weinstein H, eds: *My Neighbor, My Enemy: Justice and Community in the Aftermath of Mass Atrocity* [VanRooyen] 1699
Thacker E: *The Global Genome: Biotechnology, Politics, and Culture* [Rabinow] 2237
Tracy S: *Alcoholism in America: From Reconstruction to Prohibition* [Hamm] 2505
Vannatta J, Schleifer R, Crow S: *Medicine and Humanistic Understanding: The Significance of Narrative in Medical Practices* [Kolarik] 499
Wachte R, Goldman L, Hollander H, eds: *Hospital Medicine* [Chan] 3034
Wallis F, Miller P, eds: *75 Books From the Osler Library* [Fee] 2769
Wilson DJ: *Living With Polio: The Epidemic and Its Survivors* [Bartels] 1277
Zipes D, Libby P, Bonow R, Braunwald E: *Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine* [Weiford] 376

Boudin, Louis-Eugène (1824-1898)
JAMA cover of August 10, *Boats in Trouville Harbor* by Louis-Eugène Boudon [Southgate] 657

Brain Natriuretic Peptide see Natriuretic Peptide, Brain

Brassica
Of cabbages and cancer, the world in medicine [Stephenson] 2961

BRCA1* Genes see Genes, *BRCA1

BRCA2* Genes see Genes, *BRCA2

Breast Neoplasms
BRCA mutations and ductal carcinoma in situ (letter) [Foulkes] 553 (reply) [Claus] 554; correction, 1491
Clinical trials point to complexities of chemoprevention for cancer [Hampton] 29
Comorbidity and survival disparities among black and white patients with breast cancer [Tammemagi] 1765
Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry [Nanda] 1925
Life-threatening complications from doxorubicin-docetaxel chemotherapy for breast cancer (letter) [Martin] (reply) [Brain] 2166
Low-dose aspirin and vitamin E: challenges and opportunities in cancer prevention [Jacobs] 105
Low-dose aspirin in the primary prevention of cancer: the Women's Health Study: a randomized controlled trial [Cook] 47
Palliative sedation in dying patients: "we turn to it when everything else hasn't worked" [Lo] 1810
Pregnancy characteristics and maternal risk of breast cancer [Chattingius] 2474
Racial differences in *BRCA* testing (letter) [Alford] (reply) [Armstrong] 677
Somatic acquisition and signaling of *TGFBR1**6A in cancer [Pasche] 1634
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327
Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56

Breastfeeding
Duration of lactation and incidence of type 2 diabetes [Stuebe] 2601
Policy targets lowering SIDS incidence [Mitka] 2420
Possible child-to-mother transmission of HIV by breastfeeding [Visco-Comandini] 2301

Brinker, Nancy
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327

British National Health Service
Quality, innovation, and value for money: NICE and the British National Health Service [Pearson] 2618

Broccoli see Brassica

Buprenorphine
Anesthesia-assisted vs buprenorphine- or clonidine-assisted heroin detoxification and naltrexone induction: a randomized trial [Collins] 903
Methods of detoxification and their role in treating patients with opioid dependence [O'Connor] 961
Office-based treatment for opioid addiction achieving goals [Kuehn] 784

Bupropion
Could a novel vaccine help smokers quit? [Kuehn] 891
Smoking cessation (letters) [Frankenberg, Kaufman] 2434 (reply) [Schroeder] 2435
What to do with a patient who smokes [Schroeder] 482

Burns
Meth lab fires put heat on burn centers [Mitka] 2009

Bypass, Coronary Artery see Coronary Artery Bypass

C

CA-125 Antigen
Ovarian cancer tests, health agencies update [Hampton] 3075

Cabbage see Brassica

Caffeine
Electrocardiographic effects of a dietary supplement containing ephedra and caffeine (letter) [Milic] (reply) [White] 1487
Habitual caffeine intake and the risk of hypertension in women [Winkelmayer] 2330

Calcinosis
Electron-beam computed tomography for coronary calcium: a useful test to screen for coronary heart disease? [Mozaffarian] 2897

Calcium
Relationship between serum parathyroid hormone levels, vitamin D sufficiency, and calcium intake [Steingrimsdottir] 2336

Calfactant
Surfactant and pediatric acute lung injury (letter) [Hunt] 898 (reply) [Willson] 899

Cambodia
Mental health of Cambodian refugees 2 decades after resettlement in the United States [Marshall] 571

Canada
Medical schools in Canada, 1128

Canadian CT Head Rule
Clinical decision instruments for CT scanning in minor head injury [Haydel] 1551
Comparison of the Canadian CT head rule and the New Orleans criteria in patients with minor head injury [Stiell] 1511
External validation of the Canadian CT head rule and the New Orleans criteria for CT scanning in patients with minor head injury [Smits] 1519

Candesartan
Impact of candesartan on nonfatal myocardial infarction and cardiovascular death in patients with heart failure [Demers] 1794

Cannabis
Medical marijuana, American federalism, and the Supreme Court [Gostin] 842
Regulation of medical marijuana (letter) [Das] (reply) [Gostin] 3091

CAPITOL HEALTH CALL
Accelerated approval abuse [Mitka] 171
AIDS funding boost [Mitka] 2833
Antianxiety inclusion [Kuehn] 673
Boosting Medicare pay [Mitka] 171
Contentious vote deferred [Mitka] 2833
Cosmetic lenses scrutinized [Mitka] 1752
Crawford to lead FDA [Kuehn] 1201
Funding flu protection [Mitka] 2833
Grant probe urged [Mitka] 2292
Health IT gets a boost [Kuehn] 1201
Limit lifted [Mitka] 1752
Medicaid cuts on hold? [Mitka] 1752
Mercury rule challenged [Kuehn] 1201
No fed money for ED drugs [Mitka] 171
Off-label promotion [Kuehn] 673
Pandemic preparedness [Mitka] 2292
Physicians condemn torture [Mitka] 2833
Plan B deferred [Mitka] 1752
Reservist health care [Mitka] 171
Resignation inquiry [Mitka] 2292
Saying sorry [Mitka] 2292
Tracking medical errors [Kuehn] 1201
Trials on the record [Kuehn] 673
Veterans' budget gap [Kuehn] 673

Carbon Monoxide Poisoning
Carbon monoxide poisoning from hurricane-associated use of portable generators—Florida, 2004, from CDC, 1482

Carcinoma, Basal Cell
Incidence of basal cell and squamous cell carcinomas in a population younger than 40 years [Christenson] 681
Skin cancer's ranks rise: immunosuppression to blame [Hampton] 1476

Carcinoma, Ductal
BRCA mutations and ductal carcinoma in situ (letter) [Foulkes] 553 (reply) [Claus] 554; correction, 1491

Carcinoma, Squamous Cell
Incidence of basal cell and squamous cell carcinomas in a population younger than 40 years [Christenson] 681
Skin cancer's ranks rise: immunosuppression to blame [Hampton] 1476

Cardiac Arrest
Impact of earthquake on Takotsubo cardiomyopathy (research letter) [Watanabe] 305
Primary prophylaxis with the implantable cardioverter-defibrillator: the need for improved risk stratification [Gehi] 958
Safety issues involving medical devices: implications of recent implantable cardioverter-defibrillator malfunctions [Maisel] 955

Cardiac Pacemaker, Artificial see Pacemaker, Artificial

Cardiogenic Shock see Shock, Cardiogenic

Cardiomyopathies
Earthquakes and Takotsubo cardiomyopathy (letter) [Gnecchi-Ruscone] (reply) [Watanabe] 2169

Cardiovascular Diseases
Biomarkers for mortality and cardiovascular events (letter) [Koenig] (reply) [Kistorp] 303
Erectile dysfunction and subsequent cardiovascular disease [Thompson] 2956
Inflammation suspected in eye disorders [Kuehn] 31
Long-term air pollution exposure and acceleration of atherosclerosis and vascular inflammation in an animal model [Sun] 3003
Non–HDL cholesterol, apolipoproteins A-I and B_{100}, standard lipid measures, lipid ratios, and CRP as risk factors for cardiovascular disease in women [Ridker] 326
Prevalence and cardiovascular disease correlates of low cardiorespiratory fitness in adolescents and adults [Carnethon] 2981
Risk factors for cardiovascular disease in women (letters) [Sniderman, Vos] 2843 (reply) [Ridker] 2844
Role of vitamin E in the prevention of cardiovascular disease and cancer (letter) [Punnam] (reply) [Lee] 2432
Sibling cardiovascular disease as a risk factor for cardiovascular disease in middle-aged adults [Murabito] 3117
Vitamin E and cardiovascular health: does sex matter? [Redberg] 107
Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56

Cardioverter-Defibrillators, Implantable see Defibrillators, Implantable

Career Choice
Physician-scientist career pipeline in 2005: build it, and they will come [Ley] 1243
Relief for women scientists, the world in medicine [Stephenson] 297

CARING FOR THE CRITICALLY ILL PATIENT (Cook DJ, ed)
Acute renal failure in critically ill patients: a multinational, multicenter study [Uchino] 813

Effect of prone positioning on clinical outcomes in children with acute lung injury: a randomized controlled trial [Curley] 229

Carotid Endarterectomy see Endarterectomy, Carotid

Carotid Stenosis

Carotid artery surgery guidelines updated: new data also support stents in high-risk cases [Mitka] 2955

Castration, Male see Orchiectomy

Catheterization, Pulmonary Artery see Catheterization, Swan-Ganz

Catheterization, Swan-Ganz

Evaluation study of congestive heart failure and pulmonary artery catheterization effectiveness: the ESCAPE trial [ESCAPE Investigators] 1625

Impact of the pulmonary artery catheter in critically ill patients: meta-analysis of randomized clinical trials [Shah] 1664

Cell Fusion

Stem cells created from somatic cells [Kuehn] 1475

Cell Proliferation

Roots of psoriasis, the world in medicine [Stephenson] 1890

Centers for Disease Control and Prevention (US)

CDC announces landmark reorganization, from CDC, 38

Protecting health—the new research imperative [Gerberding] 1403

Cephalosporins

Antibiotic treatment of children with sore throat [Linder] 2315

Cereals

Dietary fiber and colorectal cancer: an ongoing saga [Baron] 2904

Dietary fiber intake and risk of colorectal cancer: a pooled analysis of prospective cohort studies [Park] 2849

Cerebral Palsy

Who will deliver our grandchildren? implications of cerebral palsy litigation [MacLennan] 1689

Cerebral Vasospasm see Vasospasm, Intracranial

Cervix Neoplasms

Cervical cancer, health agencies update [Hampton] 893

Cervical cancer prevention: making programs more appropriate and pragmatic [Blumenthal] 2225

Feasibility of management of high-grade cervical lesions in a single visit: a randomized controlled trial [Brewster] 2182

Risk of pelvic fractures in older women following pelvic irradiation [Baxter] 2587

Screen-and-treat approaches for cervical cancer prevention in low-resource settings: a randomized controlled trial [Denny] 2173

21-year-old woman with atypical squamous cells of undetermined significance [Sawaya] 2210

Chagas Disease

Decoding parasite genomes, the world in medicine [Stephenson] 787

Chauvin, Yves (1930-)

Nobels honor research on ulcer microbe, "green" drug production method [Kuehn] 2289

Chemoprevention

Clinical trials point to complexities of chemoprevention for cancer [Hampton] 29

Low-dose aspirin and vitamin E: challenges and opportunities in cancer prevention [Jacobs] 105

Chemotherapy, Adjuvant

Adjuvant chemotherapy for stage III colon cancer: implications of race/ethnicity, age, and differentiation [Jessup] 2703

Progress in the adjuvant treatment of colon cancer: has it influenced clinical practice? [Van Cutsem] 2758

Chernobyl Nuclear Accident

Chernobyl's deadly legacy, the world in medicine [Stephenson] 1890

Chest Pain

Experts promote adoption of chest pain guidelines by emergency departments [Mitka] 164

Value and limitations of chest pain history in the evaluation of patients with suspected acute coronary syndromes [Swap] 2623

Chickenpox

Chickenpox, *JAMA* Patient Page [Parmet] 866

Chickenpox Vaccine

Impact of varicella vaccination on health care utilization [Zhou] 797

Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569

Varicella vaccine, cost-effectiveness analyses, and vaccination policy [Davis] 845

Child

Acute illnesses associated with pesticide exposure at schools [Alarcon] 455; correction, 1208

Antibiotic treatment of children with sore throat [Linder] 2315

Appropriate use of antimicrobial drugs: a better prescription is needed [Weber] 2354

Assessment of severe malnutrition in rural Kenyan children: comparison of weight for height and mid upper arm circumference [Berkley] 591

Barriers to children walking to or from school—United States, 2004, from CDC, 2160

Childhood vaccination and nontargeted infectious disease hospitalization [Hviid] 699

Children's health study closer to launch: lack of funding could cause delays [Kuehn] 2154

Chronic conditions, functional limitations, and special health care needs of school-aged children born with extremely low-birth-weight in the 1990s [Hack] 318

Direct and indirect effects of routine vaccination of children with 7-valent pneumococcal conjugate vaccine on incidence of invasive pneumococcal disease—United States, 1998-2003, from CDC, 2022

Effect of prone positioning on clinical outcomes in children with acute lung injury: a randomized controlled trial [Curley] 229

Experts: target heart disease from birth [Mitka] 2558

FDA approval of VAQTA (hepatitis A vaccine, inactivated) for children aged ≥1 year, from CDC, 2296

Hospital characteristics associated with the management of pediatric splenic injuries [Bowman] 2611

Impact of varicella vaccination on health care utilization [Zhou] 797

Incidence of hepatitis A in Israel following universal immunization of toddlers [Dagan] 202

Juvenile idiopathic arthritis, *JAMA* Patient Page [Ringold] 1722; correction, 2580

Long-term outcomes for extremely low-birth-weight infants (letter) [Reiss] 2168 (reply) [Hack] 2169

Medical treatment of juvenile idiopathic arthritis [Hashkes] 1671

Mental health in the United States: health care and well being of children with chronic emotional, behavioral, or developmental problems— United States, 2001, from CDC, 2567

Mental illness takes heavy toll on youth [Kuehn] 293

National, state, and urban area vaccination coverage among children aged 19-35 months—United States, 2004, from CDC, 1485

Neurological and neuromuscular disease as a risk factor for respiratory failure in children hospitalized with influenza infection [Keren] 2188

New respiratory virus, the world in medicine [Stephenson] 1331

Off-label promotion, capitol health call [Kuehn] 673

Parvovirus B19 and onset of juvenile dermatomyositis (research letter) [Mamyrova] 2170

Pesticide exposure at schools and acute illnesses (letter) [Kirrane] (reply) [Calvert] 2431

Poliovirus infections in four unvaccinated children—Minnesota, August-October 2005, from CDC, 2689

Prone positioning in children with acute lung injury (letter) [Branco] (reply) [Curley] 2297

Prone positioning in children with ARDS: positive reflections on a negative clinical trial [Kavanagh] 248

Prospects for the future of child health through research [Feigin] 1373

Quantifying the federal minimal risk standard: implications for "nonbeneficial" pediatric research [Wendler] 826

Seroprevalence of poliovirus antibodies among children in a Dominican community—Puerto Rico, 2002, from CDC, 548

Severe malnutrition assessment in children in rural Kenya (letter) [Hogness] (reply) 2577

Child Abuse

Family violence research: lessons learned and where from here? [MacMillan] 618

Child Abuse, Sexual

Researchers seek roots of pedophilia [Lamberg] 546

Child Care

Relief for women scientists, the world in medicine [Stephenson] 297

Childbirth see Parturition

China

Accumulating evidence for prenatal nutritional origins of mental disorders [Neugebauer] 621

Bats may be SARS reservoir [Hampton] 2291

Rates of adult schizophrenia following prenatal exposure to the Chinese famine of 1959-1961 [St Clair] 557

Schizophrenia and the Chinese famine of 1959-1961 (letter) [Altschuler] (reply) [Neugebauer] 2968

Chinchilla

Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613

Chiroptera

Bats may be SARS reservoir [Hampton] 2291

Chlamydia Infections

Syphilis rates rise among men: trends for other STDs mixed [Kuehn] 3072

Cholesterol

Trends in cholesterol screening and awareness of high blood cholesterol—United States, 1991-2003, from CDC, 2021

Cholesterol LDL see Lipoproteins, LDL Cholesterol

Chronic Obstructive Pulmonary Disease see Pulmonary Disease, Chronic Obstructive

Circadian Rhythm

Circadian rhythms and reperfusion in patients with acute ST-segment elevation myocardial infarction (letter) [Manfredini] 2846 (reply) [Magid] 2847

Relationship between time of day, day of week, timeliness of reperfusion, and in-hospital mortality for patients with acute ST-segment elevation myocardial infarction [Magid] 803

Cisapride

Off-label promotion, capitol health call [Kuehn] 673

CLINICAL CROSSROADS (Winker MA, ed)

43-year-old woman with end-stage renal disease, 2 years 6 months later [Ship] 841

38-year-old woman with fetal loss and hysterectomy [Sachs] 833

21-year-old woman with atypical squamous cells of undetermined significance [Sawaya] 2210

Clonidine

Anesthesia-assisted vs buprenorphine- or clonidine-assisted heroin detoxification and naltrexone induction: a randomized trial [Collins] 903

Cloning, Organism

Scientists confront cloning challenges [Hampton] 782

Clonney, James Goodwyn (1812-1867)

JAMA cover of July 27, *The Happy Moment* by James Goodwyn Clonney [Quaranta] 404

Clopidogrel

Clopidogrel for percutaneous coronary revascularization: time for more pretreatment, retreatment, or both? [Moliterno] 1271

Effect of clopidogrel pretreatment before percutaneous coronary intervention in patients with ST-elevation myocardial infarction treated with fibrinolytics: the PCI-CLARITY Study [Sabatine] 1224

Clostridium difficile

Use of gastric acid–suppressive agents and the risk of community-acquired *Clostridium difficile*–associated disease [Dial] 2989

Virulent *C difficile*, the world in medicine [Stephenson] 2423

Clostridium sordellii

Clostridium sordellii toxic shock syndrome after medical abortion with mifepristone and intravaginal misoprostol—United States and Canada, 2001-2005, from CDC, 1894

Cocaine-Related Disorders

Role of environment in addiction probed [Kuehn] 2953

Coffee

Coffee consumption and development of type 2 diabetes (letter) [Ross] (reply) [van Dam] 2299

Coffee consumption and risk of type 2 diabetes: a systematic review [van Dam] 97

Habitual caffeine intake and the risk of hypertension in women [Winkelmayer] 2330

Cognitive Therapy

Cognitive therapy and preventing suicide attempts (letters) [Filion, Tepper] 2847 (reply) [Brown] 2848

Cognitive therapy for the prevention of suicide attempts: a randomized controlled trial [Brown] 563

New mind/body tactics target medically unexplained physical symptoms and fears [Lamberg] 2152

Cola

Habitual caffeine intake and the risk of hypertension in women [Winkelmayer] 2330

Cole, Thomas (1801-1848)

JAMA cover of September 7, *The Voyage of Life: Youth* by Thomas Cole [Southgate] 1005

Colic

Neonatal signs after in utero exposure to selective serotonin reuptake inhibitors (letters) [Kaye, Lavenstein] 2299, 2300 (reply) [Moses-Kolko] 2300

Colonic Neoplasms

Adjuvant chemotherapy for stage III colon cancer: implications of race/ethnicity, age, and differentiation [Jessup] 2703

Progress in the adjuvant treatment of colon cancer: has it influenced clinical practice? [Van Cutsem] 2758

Colorectal Neoplasms

Dietary fiber and colorectal cancer: an ongoing saga [Baron] 2904

Dietary fiber intake and risk of colorectal cancer: a pooled analysis of prospective cohort studies [Park] 2849

Long-term use of aspirin and nonsteroidal anti-inflammatory drugs and risk of colorectal cancer [Chan] 914

Long-term use of aspirin and risk of colorectal cancer (letter) [Vachon] (reply) [Chan] 3090

Low-dose aspirin and vitamin E: challenges and opportunities in cancer prevention [Jacobs] 105

Low-dose aspirin in the primary prevention of cancer: the Women's Health Study: a randomized controlled trial [Cook] 47

Molecular classification of patients with unexplained hamartomatous and hyperplastic polyposis [Sweet] 2465

Somatic acquisition and signaling of *TGFBR1**6A in cancer [Pasche] 1634

Unwinding the heterogeneous nature of hamartomatous polyposis syndromes [Carethers] 2498

Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56

Colorectal Neoplasms, Hereditary Nonpolyposis
History and molecular genetics of Lynch syndrome in family G [Douglas] 2195
Colposcopy
21-year-old woman with atypical squamous cells of undetermined significance [Sawaya] 2210
Communicable Diseases
Fifth International Conference on Emerging Infectious Diseases, from CDC, 3082
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Prospects for the future of child health through research [Feigin] 1373
Communication
Acting and clinical empathy (letters) [Haller, Lipsitt] (reply) [Yao] 39
Beyond advance directives: importance of communication skills at the end of life [Tulsky] 359
Community-Acquired Infections
Use of gastric acid–suppressive agents and the risk of community-acquired *Clostridium difficile*–associated disease [Dial] 2989
Complementary Therapies
Dietary phytoestrogens and lung cancer risk [Schabath] 1493; correction, 2700
Internet seen as clinical research tool [Mitka] 2290
Computer-Assisted Instruction
Comparison of the instructional efficacy of Internet-based CME with live interactive CME workshops: a randomized controlled trial [Fordis] 1043
Computerized Physician Order Entry Systems see Drug Therapy, Computer-Assisted
Conferences see Congresses
Conflict of Interest
Biomedical journals probe peer review [Hampton] 2287
Conflicts of interest and independent data analysis in industry-funded studies (letters) [Loew, Molenberghs] 2575 (reply) [Fontanarosa] 2576
Improving relations between attorneys and physicians [Jacobson] 2083
Medical students' exposure to and attitudes about drug company interactions: a national survey [Sierles] 1034
NIH eases ethics rules on employees: consulting ban to remain [Hampton] 1749
Physicians advising investment firms (letters) [Hampson, Patmas] (reply) [Topol] 1897
Rainbow to dark clouds [DeAngelis] 1107
Reporting conflicts of interest, financial aspects of research, and role of sponsors in funded studies [Fontanarosa] 110
Resignation inquiry, capitol health call [Mitka] 2292
Congresses
Biomedical journals probe peer review [Hampton] 2287
Fifth International Conference on Emerging Infectious Diseases, from CDC, 3082
Conscious Sedation
Palliative sedation in dying patients: "we turn to it when everything else hasn't worked" [Lo] 1810
Palliative sedation, *JAMA* Patient Page [Brender] 1850
Consensus
Consensus and controversy in clinical research ethics [Brody] 1411
Consumer Product Safety
Cosmetic lenses scrutinized, capitol health call [Mitka] 1752
Hair dye use and non-Hodgkin lymphoma (letter) [Zahm] (reply) [Takkouche] 1205
Consumer Reports
Easy-to-use drug reports help patients and physicians weigh costs, benefits [Voelker] 165
Contact Lenses
Cosmetic lenses scrutinized, capitol health call [Mitka] 1752
Contraception, Postcoital
FDA official resigns, health agencies update [Hampton] 1481
Plan B deferred, capitol health call [Mitka] 1752
Coronary Angiography
Coronary angiography with multislice computed tomography (letter) [Dewey] (reply) [Hoffmann] 2298
Coronary Artery Bypass
Efficacy and safety of edifoligide, an E2F transcription factor decoy, for prevention of vein graft failure following coronary artery bypass graft surgery: PREVENT IV: a randomized controlled trial [PREVENT IV investigators] 2446
Gene therapy and vein graft patency in coronary artery bypass graft surgery [Conti] 2495
Paclitaxel-eluting stents in complex lesions [Colombo] 1268
Perioperative *N*-acetylcysteine to prevent renal dysfunction in high-risk patients undergoing CABG surgery: a randomized controlled trial [Burns] 342
Prophylactic oral amiodarone for the prevention of arrhythmias that begin early after revascularization, valve replacement, or repair: PAPABEAR: a randomized controlled trial [Mitchell] 3093
Prophylaxis against postoperative atrial fibrillation: current progress and future directions [Podgoreanu] 3140
Trends in management and outcomes of patients with acute myocardial infarction complicated by cardiogenic shock [Babaev] 448
Coronary Disease
Comparison of a polymer-based paclitaxel-eluting stent with a bare metal stent in patients with complex coronary artery disease: a randomized controlled trial [Stone] 1215
Electron-beam computed tomography for coronary calcium: a useful test to screen for coronary heart disease? [Mozaffarian] 2897
Plasma fibrinogen level and the risk of major cardiovascular diseases and nonvascular mortality: an individual participant meta-analysis [Fibrinogen Studies Collaboration] 1799; correction, 2848
Prognostic value of serial B-type natriuretic peptide testing during follow-up of patients with unstable coronary artery disease [Morrow] 2866
Sirolimus-eluting stents vs paclitaxel-eluting stents in patients with coronary artery disease: meta-analysis of randomized trials [Kastrati] 819
Trends in the leading causes of death in the United States, 1970-2002 [Jemal] 1255
Value and limitations of chest pain history in the evaluation of patients with suspected acute coronary syndromes [Swap] 2623
Coronary Intervention, Percutaneous
Acute coronary syndromes and regionalization of care (letter) [Haynes] (reply) [Rathore] 304
Circadian rhythms and reperfusion in patients with acute ST-segment elevation myocardial infarction (letter) [Manfredini] 2846 (reply) [Magid] 2847
Clopidogrel for percutaneous coronary revascularization: time for more pretreatment, retreatment, or both? [Moliterno] 1271
Comparison of a polymer-based paclitaxel-eluting stent with a bare metal stent in patients with complex coronary artery disease: a randomized controlled trial [Stone] 1215
Effect of clopidogrel pretreatment before percutaneous coronary intervention in patients with ST-elevation myocardial infarction treated with fibrinolytics: the PCI-CLARITY Study [Sabatine] 1224
Efficacy and safety of edifoligide, an E2F transcription factor decoy, for prevention of vein graft failure following coronary artery bypass graft surgery: PREVENT IV: a randomized controlled trial [PREVENT IV Investigators] 2446
Evaluation study of congestive heart failure and pulmonary artery catheterization effectiveness: the ESCAPE trial [ESCAPE Investigators] 1625
Impact of the pulmonary artery catheter in critically ill patients: meta-analysis of randomized clinical trials [Shah] 1664
Mechanical reperfusion more than 12 hours after acute myocardial infarction (letters) [Rubin, Kanna, Schömig] 2030, 2031
Paclitaxel-eluting stents in complex lesions [Colombo] 1268
Perioperative *N*-acetylcysteine to prevent renal dysfunction in high-risk patients undergoing CABG surgery: a randomized controlled trial [Burns] 342
Prophylactic oral amiodarone for the prevention of arrhythmias that begin early after revascularization, valve replacement, or repair: PAPABEAR: a randomized controlled trial [Mitchell] 3093
Prophylaxis against postoperative atrial fibrillation: current progress and future directions [Podgoreanu] 3140
Relationship between time of day, day of week, timeliness of reperfusion, and in-hospital mortality for patients with acute ST-segment elevation myocardial infarction [Magid] 803
Routine vs selective invasive strategies in acute coronary syndromes (letters) [Bavry, Carbajal] 2844, 2845 (reply) [Mehta] 2845
Searching for evidence to support pulmonary artery catheter use in critically ill patients [Hall] 1694
Tirofiban plus sirolimus-eluting stent vs abciximab plus bare-metal stent (letters) [Osman, De Luca] 1616, 1617 (reply) [Valgimigli] 1617
Trends in management and outcomes of patients with acute myocardial infarction complicated by cardiogenic shock [Babaev] 448
Coronary Restenosis
Comparison of a polymer-based paclitaxel-eluting stent with a bare metal stent in patients with complex coronary artery disease: a randomized controlled trial [Stone] 1215
CORRECTIONS
ABO blood group and susceptibility to severe acute respiratory syndrome (research letter), **293:**1450; corrections, **294:**795 [Cheng] 795
Acute illnesses associated with pesticide exposure at schools [Alarcon] 455; correction, 1208
Adverse events reported following live, cold-adapted, intranasal influenza vaccine [Izurieta] 2720; correction, 3092
Albert Lasker Medical Research Awards, 60 years of basic discoveries and clinical advances 1426; correction, 1762
BRCA mutations and ductal carcinoma in situ [Foulkes] 553; correction, 1491
Childhood lead poisoning prevention: too little, too late [Lanphear] **293:**2274; correction, **294:**795
Combined tetanus, diphtheria, and 5-component pertussis vaccine for use in adolescents and adults [Pichichero], **293:**: 3003; correction **294:** 3092
Dietary phytoestrogens and lung cancer risk [Schabath] 1493; correction, 2700
Effect of exogenous surfactant (calfactant) in pediatric acute lung injury: a randomized controlled trial [Willson] **293:** 470; correction, **294:**900
Effect of orlistat on weight and body composition in obese adolescents: a randomized controlled trial [Chanoine] **293:**2873; correction, **294:**1491
Empirical validation of guidelines for the management of pharyngitis in children and adults [McIsaac] **291:**1587; correction, **294:**2700
Filling the gaps in bariatric surgical research [Courcoulas] 1957; correction, 2848
Genetic influences on health: does race matter? [Bamshad] 937; correction, 1620
Gut yields clues to obesity, therapies [Kuehn] **293:**2200; correction, **294:**44
High dose atorvastatin vs usual-dose simvastatin for secondary prevention after myocardial infarction: The IDEAL Study: a randomized controlled trial [Pederson], 2437; correction, 3092
IDEAL cholesterol: lower is better [Cannon] 2492; correction, 2973
Influence of patients' requests for direct-to-consumer advertised antidepressants: a randomized controlled trial [Kravitz] **293:**1995; correction, **294:**2436
Juvenile idiopathic arthritis, *JAMA* Patient Page [Ringold] 1722; correction, 2580
Multidrug resistance among persons with tuberculosis in California, 1994-2003 [Granich] **293:**2732; correction, **294:**44
Neurologic adverse events associated with smallpox vaccination in the United States, 2002-2004 [Sejvar] 2744; correction, 3092
Noninvasive coronary angiography with multislice computed tomography [Hoffmann] **293:**2471; correction, **294:**1208
Plasma fibrinogen level and the risk of major cardiovascular diseases and nonvascular mortality: an individual participant meta-analysis [Fibrinogen Studies Collaboration] 1799; correction, 2848
Respiratory illness as a reaction to tropical algal blooms occurring in a temperate climate [Gallitelli] **293:**2599; correction, **294:**44
Secular trends in cardiovascular disease risk factors according to body mass index in US adults [Gregg] **293:** 1868; correction, **294:**182
Staphylococcus aureus endocarditis: a consequence of medical progress [Fowler] **293:**3012; correction, **294:**900
Supplemental perioperative oxygen and the risk of surgical wound infection: a randomized controlled trial [Belda] 2035; correction, 2973
Update on the treatment of tuberculosis and latent tuberculosis infection [Blumberg] **293:**2776; correction, **294:**182
Corticosteroids see Adrenal Cortex Hormones
Corticotropin
Adrenal insufficiency [Salvatori] 2481
Costs and Cost Analysis
Annual smoking-attributable mortality, years of potential life lost, and productivity losses—United States, 1997-2001, from CDC, 788
Boosting Medicare pay, capitol health call [Mitka] 171
Cancer treatment's trade-off: years of added life can have long-term costs [Hampton] 167
Children's health study closer to launch: lack of funding could cause delays [Kuehn] 2154
Comparison of drug regimen costs between the Medicare prescription discount program and other purchasing systems (research letter) [Hayes] 427
Costs and funding for published medical education research [Reed] 1052
Drug prices and value for money: the Australian Pharmaceutical Benefits Scheme [Henry] 2630
Easy-to-use drug reports help patients and physicians weigh costs, benefits [Voelker] 165
Efficient genotyping for congenital long QT syndrome [Kaufman] 3027
Federal funding and supportive policies for research [Porter] 1385
Financial anatomy of biomedical research [Moses] 1333
Health IT gets a boost, capitol health call [Kuehn] 1201
Insurance status and access to urgent ambulatory care follow-up appointments [Asplin] 1248
"Manufacturing vs repair" in health care (letter) [Powsner] 2580
Patents-based pharmaceutical development process: rationale, problems, and potential reforms [Bartnn] 2075
Provision or distribution of growth hormone for "anti-aging" clinical and legal issues [Perls] 2086
Quality, innovation, and value for money: NICE and the British National Health Service [Pearson] 2618
Reservist health care, capitol health call [Mitka] 171

Technology licensing: lessons from the US experience [Sobolski] 3137
Varicella vaccine, cost-effectiveness analyses, and vaccination policy [Davis] 845
Veterans' budget gap, capitol health call [Kuehn] 673
Counseling
Monitoring progress in arthritis management—United States and 25 states, 2003, from CDC, 789
Smoking cessation (letters) [Frankenberg, Kaufman] 2434 (reply) [Schroeder] 2435
What to do with a patient who smokes [Schroeder] 482
THE COVER (*JAMA*) (Southgate MT, ed)
JAMA cover of July 6, *Construction for Noble Ladies* by Kurt Schwitters [Southgate] 15
JAMA cover of July 13, *Still Life With Profile of Laval* by Paul Gauguin [Southgate] 155
JAMA cover of July 20, *Child in a Rocking Chair* by E. L. George [Southgate] 283
JAMA cover of July 27, *The Happy Moment* by James Goodwyn Clonney [Quaranta] 404
JAMA cover of August 3, *Sunflowers* by Vincent van Gogh [Southgate] 529
JAMA cover of August 10, *Boats in Trouville Harbor* by Louis-Eugène Boudon [Southgate] 657
JAMA cover of August 17, *La Manne-Porte, Etretat* by Claude Monet [Southgate] 775
JAMA cover of August 24/31, *L'Île Lacroix Rouen (The Effect of Fog)* by Camille Pissarro [Southgate] 878
JAMA cover of September 7, *The Voyage of Life: Youth* by Thomas Cole [Southgate] 1005
JAMA cover of September 14, *Sailboats Racing on the Delaware* by Thomas Eakins [Southgate] 1182
JAMA cover of September 21, *Washington* by Salvador Dali [Southgate] 1314
JAMA cover of September 28, *The Dancing Class* by Edgar Degas [Southgate] 1468
JAMA cover of October 5, *Healing of Abiku Children* by Twins Seven Seven [Southgate] 1591
JAMA cover of October 12, *Self-portrait After the Spanish Influenza* by Edvard Munch [Southgate] 1733
JAMA cover of October 19, *Black Cat on a Chair* by Andrew L. von Wittkamp [Southgate] 1867
JAMA cover of October 26, *James Peale (The Lamplighter Portrait)* by Charles Willson Peale [Southgate] 1999
JAMA cover of November 2, *Laid Off* by Irene T. Fletcher [Southgate] 2133
JAMA cover of November 9, *A Surgeon and a Line of Patients* (Flemish) [Southgate] 2277
JAMA cover of November 16, *The Sick Patient* by Félix Vallotton [Southgate] 2402
JAMA cover of November 23/30, *As the Old Ones Sing, So the Young Ones Pipe* by Jan Steen [Southgate] 2544
JAMA cover of December 7, *Haunted House* by Morris Kantor [Southgate] 2671
JAMA cover of December 14, *Children at Play in Mantua* by David Howell Rosenbaum [Southgate] 2814
JAMA cover of December 21, *Madonna and Child* by Duccio di Buoninsegna [Southgate] 2947
JAMA cover of December 28, *Children Playing Cards* by Dirck Hals [Southgate] 3062
Craniocerebral Trauma
Clinical decision instruments for CT scanning in minor head injury [Haydel] 1551
Comparison of the Canadian CT head rule and the New Orleans criteria in patients with minor head injury [Stiell] 1511
External validation of the Canadian CT head rule and the New Orleans criteria for CT scanning in patients with minor head injury [Smits] 1519
Head injury, *JAMA* Patient Page [Torpy] 1580
C-Reactive Protein
Non–HDL cholesterol, apolipoproteins A-I and B_{100}, standard lipid measures, lipid ratios, and CRP as risk factors for cardiovascular disease in women [Ridker] 326
Creatinine
Biomarkers for mortality and cardiovascular events (letter) [Koenig] (reply) [Kistorp] 303
Crime
Criminal records of homicide offenders [Cook] 598
Meth lab fires put heat on burn centers [Mitka] 2009
Critical Care
Ventilatory management of acute lung injury and acute respiratory distress syndrome [Fan] 2889
Cross Infection
Publication of guidance on public reporting of healthcare- associated infections, from CDC, 896
Transmission of hepatitis B virus among persons undergoing blood glucose monitoring in long-term–care facilities—Mississippi, North Carolina, and Los Angeles County, California, 2003-2004, from CDC, 35
Update: *Ralstonia* species associated with Vapotherm oxygen delivery devices—United States, 2005, from CDC, 3082
Viral encephalitis transmitted from donor to organ recipients [Roos] 488
Virulent *C difficile*, the world in medicine [Stephenson] 2423
Cryotherapy
Screen-and-treat approaches for cervical cancer prevention in low-resource settings: a randomized controlled trial [Denny] 2173
Culicidae
Curbing malaria with fungi, the world in medicine [Stephenson] 297
Human exposure to mosquito-control pesticides—Mississippi, North Carolina, and Virginia, 2002 and 2003, from CDC, 419
Cultural Characteristics
Resident physicians' preparedness to provide cross-cultural care [Weissman] 1058
Cyclooxygenase Inhibitors
Clinical trials point to complexities of chemoprevention for cancer [Hampton] 29

D

Dali, Salvador (1904-1989)
JAMA cover of September 21, *Washington* by Salvador Dali [Southgate] 1314
Darfur see Sudan
Data Interpretation, Statistical
Contradictions in highly cited clinical research (letters) [Heckerling, West, Westfall] 2695 (reply) [Ioannidis] 2696
Electrocardiographic effects of a dietary supplement containing ephedra and caffeine (letter) [Milic] (reply) [White] 1487
Hair dye use and non-Hodgkin lymphoma (letter) [Zahm] (reply) [Takkouche] 1205
Iatrogenic risk of screening for youth suicide (letter) [Schlenger] 2578 (reply) 2579
Risk of death with nesiritide (letters) [Burger, Gortney] 897 (reply) [Sackner-Bernstein] 898
Single-payer health systems and statistics (letter) [Starfield] 43 (reply) [Orient] 44
Death Certificates
Controlling for patient case mix at the end of life: issues in identifying cause of death (research letter) [Richardson] 793
Decision Making
Clinical decision instruments for CT scanning in minor head injury [Haydel] 1551
Comparison of the Canadian CT head rule and the New Orleans criteria in patients with minor head injury [Stiell] 1511
External validation of the Canadian CT head rule and the New Orleans criteria for CT scanning in patients with minor head injury [Smits] 1519
Prognosis and decision making in severe stroke [Holloway] 725
Randomized trials stopped early for benefit: a systematic review [Montori] 2203
When (not) to stop a clinical trial for benefit [Pocock] 2228
Decision Support Systems, Clinical
Clinical decision support and appropriateness of antimicrobial prescribing: a randomized trial [Samore] 2305
Deep Vein Thrombosis see Venous Thrombosis
Defibrillators, Implantable
Cardiac device safety, health agencies update [Hampton] 2564
Fish oil supplementation and arrhythmias (letter) [Strauss] (reply) [Raitt] 2165
Primary prophylaxis with the implantable cardioverter-defibrillator: the need for improved risk stratification [Gehi] 958
Safety improvements urged for MRI facilities [Mitka] 2145
Safety issues involving medical devices: implications of recent implantable cardioverter-defibrillator malfunctions [Maisel] 955
Degas, Edgar (1834-1917)
JAMA cover of September 28, *The Dancing Class* by Edgar Degas [Southgate] 1468
Dehydroepiandrosterone
Circulating androgen levels and self-reported sexual function in women [Davis] 91
Self-reported sexual function in women and androgen levels (letter) [Dhatariya] 2167 (reply) [Davis] 2168
Delivery of Health Care
Adjuvant chemotherapy for stage III colon cancer: implications of race/ethnicity, age, and differentiation [Jessup] 2703
Cervical cancer, health agencies update [Hampton] 893
Progress in the adjuvant treatment of colon cancer: has it influenced clinical practice? [Van Cutsem] 2758
Resident physicians' preparedness to provide cross-cultural care [Weissman] 1058
Role of the urban academic medical center in US health care [Hill] 2219
Trends in house calls to Medicare beneficiaries (research letter) [Landers] 2435
Dementia
Antipsychotic drugs in dementia: what should be made of the risks? [Rabins] 1963
Reducing Alzheimer risk, the world in medicine [Stephenson] 2423
Risk of death with atypical antipsychotic drug treatment for dementia: meta-analysis of randomized placebo-controlled trials [Schneider] 1934
Dengue
Travel-associated dengue infections—United States, 2001-2004, from CDC, 421
Dental Amalgam
Blood mercury levels and neurobehavior (letter) [Mutter] (reply) [Weil] 679
Department of Defense (US) see United States Department of Defense
Coercive US interrogation policies: a challenge to medical ethics [Rubenstein] 1544
Depression
Experts address risk of physician suicide [Hampton] 1189
Mental health of Cambodian refugees 2 decades after resettlement in the United States [Marshall] 571
Mental illness takes heavy toll on youth [Kuehn] 293
Psychiatric and cognitive effects of war in former Yugoslavia: association of lack of redress for trauma and post-traumatic stress reactions [Başoğlu] 580
Suicide prevention strategies: a systematic review [Mann] 2064
Depression, Postpartum
Risks and benefits key to psychotropic use during pregnancy and postpartum period [Lamberg] 1604
Dermatomyositis
Parvovirus B19 and onset of juvenile dermatomyositis (research letter) [Mamyrova] 2170
Detoxification
Anesthesia-assisted vs buprenorphine- or clonidine-assisted heroin detoxification and naltrexone induction: a randomized trial [Collins] 903
Methadone treatment marks 40 years [Kuehn] 887
Methods of detoxification and their role in treating patients with opioid dependence [O'Connor] 961
Developmental Disabilities
Mental health in the United States: health care and well being of children with chronic emotional, behavioral, or developmental problems—United States, 2001, from CDC, 2567
Device Approval
Cosmetic lenses scrutinized, capitol health call [Mitka] 1752
Patent foramen ovale closure devices: moving beyond equipoise [Maisel] 366
Device Safety see Equipment Safety
Diabetes Mellitus
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Coffee consumption and development of type 2 diabetes (letter) [Ross] (reply) [van Dam] 2299
Coffee consumption and risk of type 2 diabetes: a systematic review [van Dam] 97
Does the metabolic syndrome really exist? diabetes and heart disease groups spar over issue [Mitka] 2010
Duration of lactation and incidence of type 2 diabetes [Stuebe] 2601
Effect of muraglitazar on death and major adverse cardiovascular events in patients with type 2 diabetes mellitus [Nissen] 2581
Fasting and medical issues during Ramadan (letter) [Crosby] 1618
Incidence of end-stage renal disease among persons with diabetes—United States, 1990-2002, from CDC, 2962
Insulin, glucose, insulin resistance, and pancreatic cancer in male smokers [Stolzenberg-Solomon] 2872
Insulin resistance and risk of congestive heart failure [Ingelsson] 334
Interest in inhaled insulin grows [Trubo] 1195
Managing lipid levels in diabetes beneficial but requires clinical judgment [Trubo] 670
Researchers investigate factors linked to development of secondary diabetes [Trubo] 668
Single-donor islet transplantation for diabetes (letter) [Smith] (reply) [Hering] 1488
Trends in the leading causes of death in the United States, 1970-2002 [Jemal] 1255
Diabetic Nephropathies
Incidence of end-stage renal disease in patients with type 1 diabetes [Finne] 1782
Diagnosis
Adrenal insufficiency [Salvatori] 2481
Adrenoleukodystrophy: new approaches to a neurodegenerative disease [Moser] 3131
Classification of psychiatric disorders (letters) [Spitzer, Jenders] 1898, 1899 (reply) [McHugh] 1899
Does the metabolic syndrome really exist? diabetes and heart disease groups spar over issue [Mitka] 2010
Does this dyspneic patient in the emergency department have congestive heart failure? [Wang] 1944
Experts promote adoption of chest pain guidelines by emergency departments [Mitka] 164
HIV prevalence, unrecognized infection, and HIV testing among men who have sex with men—five U.S. cities, June 2004–April 2005, from CDC, 674

MicroRNAs move into cancer research [Hampton] 411
Operating characteristics of prostate-specific antigen and verification bias (letter) [Punglia] (reply) [Ankerst] 2698
Ovarian cancer tests, health agencies update [Hampton] 3075
Positive test results for acute hepatitis A virus infection among persons with no recent history of acute hepatitis—United States, 2002-2004, from CDC, 894
Relevance of urine telomerase in the diagnosis of bladder cancer [Sanchini] 2052
Ricin poisoning: a comprehensive review [Audi] 2342
Schizophrenia and the Chinese famine of 1959-1961 (letter) [Altschuler] (reply) [Neugebauer] 2968
Tumor-induced osteomalacia [Jan de Beur] 1260
Value and limitations of chest pain history in the evaluation of patients with suspected acute coronary syndromes [Swap] 2623
Diagnostic and Statistical Manual of Mental Disorders
Classification of psychiatric disorders (letters) [Spitzer, Jenders] 1898, 1899 (reply) [McHugh] 1899
Diagnostic Imaging
Coronary angiography with multislice computed tomography (letter) [Dewey] (reply) [Hoffmann] 2298
Electron-beam computed tomography for coronary calcium: a useful test to screen for coronary heart disease? [Mozaffarian] 2897
Neuroscience becomes image conscious as brain scans raise ethical issues [Friedrich] 781
Pain studies illuminate the placebo effect [Kuehn] 1750
Prospects for the future of child health through research [Feigin] 1373
Diagnostic Tests, Routine
Cervical cancer prevention: making programs more appropriate and pragmatic [Blumenthal] 2225
Delivery of preventive services to older adults by primary care physicians [Pham] 473
Evidence-based guidelines needed for osteoporosis screening and treatment [Kuehn] 34
Feasibility of management of high-grade cervical lesions in a single visit: a randomized controlled trial [Brewster] 2182
HIV screening advice, health agencies update [Hampton] 418
HIV testing without consent in critically ill patients [Halpern] 734
Screen-and-treat approaches for cervical cancer prevention in low-resource settings: a randomized controlled trial [Denny] 2173
Screening healthy infants for iron deficiency using reticulocyte hemoglobin content [Ullrich] 924
Trends in cholesterol screening and awareness of high blood cholesterol—United States, 1991-2003, from CDC, 2021
21-year-old woman with atypical squamous cells of undetermined significance [Sawaya] 2210
Dialysis, Renal see Renal Dialysis
Diarrhea
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Use of gastric acid—suppressive agents and the risk of community-acquired *Clostridium difficile*—associated disease [Dial] 2989
Diet
Experts: target heart disease from birth [Mitka] 2558
Researchers discover a range of factors undermine sperm quality, male fertility [Hampton] 2829
Studies probe diet's role in eye disease [Kuehn] 32
Vitamin E and cardiovascular health: does sex matter? [Redberg] 107
Diet, Fat-Restricted
Effects of protein, monounsaturated fat, and carbohydrate intake on blood pressure and serum lipids: results of the Omniheart randomized trial [Appel] 2455
More novel effects of diet on blood pressure and lipids [Weinberger] 2497
Diet, Sodium-Restricted
Preventing chronic disease, the world in medicine [Stephenson] 2423
Dietary Fiber
Dietary fiber and colorectal cancer: an ongoing saga [Baron] 2904
Dietary fiber intake and risk of colorectal cancer: a pooled analysis of prospective cohort studies [Park] 2849
Dietary Supplements
Dietary phytoestrogens and lung cancer risk [Schabath] 1493; correction, 2700
Electrocardiographic effects of a dietary supplement containing ephedra and caffeine (letter) [Milic] (reply) [White] 1487
Essential nutrients: food or supplements? where should the emphasis be? [Lichtenstein] 351
Fish oil supplementation and arrhythmias (letter) [Strauss] (reply) [Raitt] 2165
Internet seen as clinical research tool [Mitka] 2290
Vitamin E supplementation, cardiovascular events, and cancer (letters) [Gaby, Jarski, Richey] 425 (reply) [Lonn] 426
Diphtheria-Tetanus Vaccine
Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569
Diphtheria-Tetanus-Acellular Pertussis Vaccines
Childhood vaccination and nontargeted infectious disease hospitalization [Hviid] 699
Diploidy
Localized prostate cancer and DNA ploidy (letter) [Koss] (reply) [Albertsen] 1207
Disability Evaluation
Chronic conditions, functional limitations, and special health care needs of school-aged children born with extremely low-birth-weight in the 1990s [Hack] 318
Outcomes for extremely low-birth-weight infants: disappointing news [Tyson] 371
Disaster Planning
As tsunami recovery proceeds, experts ponder lessons for future disasters [Lamberg] 889
Brief report: terrorism and emergency preparedness in state and territorial public health departments—United States, 2004, from CDC, 549
Opening shuttered hospitals, health agencies update [Hampton] 2016
Pandemic preparedness, capitol health call [Mitka] 2292
Disclosure
Anonymity of gamete donations debated [Hampton] 2681
Conflicts of interest and independent data analysis in industry-funded studies (letters) [Loew, Molenberghs] 2575 (reply) [Fontanarosa] 2576
Disclosing individual results of clinical research: implications of respect for participants [Shalowitz] 737
Publication of guidance on public reporting of healthcare-associated infections, from CDC, 896
Randomized trials stopped early for benefit: a systematic review [Montori] 2203
Reporting conflicts of interest, financial aspects of research, and role of sponsors in funded studies [Fontanarosa] 110
Resignation inquiry, capitol health call [Mitka] 2292
Saying sorry, capitol health call [Mitka] 2292
Tracking medical errors, capitol health call [Kuehn] 1201
Trials on the record, capitol health call [Kuehn] 673
Disease Management
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Hypertension in adults across age groups (letters) [Berlowitz, Cheng] 2970, 2971 (reply) [Lloyd-Jones] 2971
Monitoring progress in arthritis management—United States and 25 states, 2003, from CDC, 789
New heart failure guidelines released [Voelker] 892
Disease Outbreaks
Influenza action plan, the world in medicine [Stephenson] 2961
1918 killer flu virus reconstructed, may help prevent future outbreaks [Mitka] 2416
Readiness of local public health agencies to respond to bioterrorism questioned [Mitka] 1884
Disease Transmission, Horizontal
Import-associated measles outbreak—Indiana, May-June 2005, from CDC, 2691
Nonoccupational HIV postexposure prophylaxis (letter) [Weinberg] (reply) [Mayer] 1615
Poliovirus infections in four unvaccinated children—Minnesota, August-October 2005, from CDC, 2689
Transmission of hepatitis B virus among persons undergoing blood glucose monitoring in long-term–care facilities—Mississippi, North Carolina, and Los Angeles County, California, 2003-2004, from CDC, 35
Disease Transmission, Vertical
Possible child-to-mother transmission of HIV by breastfeeding [Visco-Comandini] 2301
Disease Transmission, Zoonotic
Avian flu spread, the world in medicine [Stephenson] 1331
Bats may be SARS reservoir [Hampton] 2291
Bird flu plan, the world in medicine [Stephenson] 787
Curbing malaria with fungi, the world in medicine [Stephenson] 297
Emerging diseases, the world in medicine [Stephenson] 1890
Equine influenza jumps to canines [Hampton] 2015
Surveillance and coordination key to reducing foodborne illness [Kuehn] 2683
Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613
Disease-Modifying Antirheumatic Drugs
Early rheumatoid arthritis treatments weighed [Mitka] 3073
Diuretics, Thiazide
Evaluation and treatment of primary hyperparathyroidism (letters) [Grey, Mikhail] 2699, 2700
DNA Damage
Researchers discover a range of factors undermine sperm quality, male fertility [Hampton] 2829
DNA Fingerprinting
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327
DNA Microarrays see Oligonucleotide Array Sequence Analysis
DNA, Mitochondrial
Study reveals mitochondrial role in aging [Hampton] 672
Docetaxel
Life-threatening complications from doxorubicin-docetaxel chemotherapy for breast cancer (letter) [Martin] (reply) [Brain] 2166
Dogs
Equine influenza jumps to canines [Hampton] 2015
Domestic Violence
Family violence research: lessons learned and where from here? [MacMillan] 618
Donors, Living see Living Donors
Dopamine Receptors see Receptors, Dopamine
Dose-Response Relationship, Drug
Excess dosing of antiplatelet and antithrombin agents in the treatment of non–ST-segment elevation acute coronary syndromes [Alexander] 3108
Doxorubicin
Life-threatening complications from doxorubicin-docetaxel chemotherapy for breast cancer (letter) [Martin] (reply) [Brain] 2166
Dracunculiasis
Progress toward global eradication of dracunculiasis, January 2004–July 2005, from CDC, 2839
Drug Administration, Inhalation see Administration, Inhalation
Drug Approval
Accelerated approval abuse, capitol health call [Mitka] 171
Why America needs a strong FDA [Markel] 2489
Drug Costs
Comparison of drug regimen costs between the Medicare prescription discount program and other purchasing systems (research letter) [Hayes] 427
Drug prices and value for money: the Australian Pharmaceutical Benefits Scheme [Henry] 2630
Easy-to-use drug reports help patients and physicians weigh costs, benefits [Voelker] 165
Drug Delivery Systems
Robert Langer, ScD—engineering medicine [Friedrich] 1609
Drug Industry
European researchers, drug companies join forces against rare diseases [Bosch] 2014
Financial anatomy of biomedical research [Moses] 1333
Legal concerns and the influenza vaccine shortage [Mello] 1817
Medical students' exposure to and attitudes about drug company interactions: a national survey [Sierles] 1034
Off-label promotion, capitol health call [Kuehn] 673
Patents-based pharmaceutical development process: rationale, problems, and potential reforms [Barton] 2075
Rainbow to dark clouds [DeAngelis] 1107
Drug Insurance see Insurance, Pharmaceutical Services
Drug Labeling
Electronic drug labels, health agencies update [Hampton] 3075
Drug Reaction, Adverse
Adverse events associated with smallpox vaccination in the United States, January-October 2003 [Casey] 2734
Adverse events reported following live, cold-adapted, intranasal influenza vaccine [Izurieta] 2720; correction, 3092
Childhood vaccination and nontargeted infectious disease hospitalization [Hviid] 699
Clostridium sordellii toxic shock syndrome after medical abortion with mifepristone and intravaginal misoprostol—United States and Canada, 2001-2005, from CDC, 1894
Continuing anticoagulation following venous thromboembolism (letter) [Krakow] (reply) [Ost] 3088
Duration of anticoagulation following venous thromboembolism: a meta-analysis [Ost] 706
Effect of muraglitazar on death and major adverse cardiovascular events in patients with type 2 diabetes mellitus [Nissen] 2581
Electrocardiographic effects of a dietary supplement containing ephedra and caffeine (letter) [Milic] (reply) [White] 1487
Excess dosing of antiplatelet and antithrombin agents in the treatment of non–ST-segment elevation acute coronary syndromes [Alexander] 3108
Fentanyl patch advisory, health agencies update [Hampton] 893
Helminth infection during pregnancy and development of infantile eczema (research letter) [Elliott] 2032
Isotretinoin risks, health agencies update [Hampton] 1481
Life-threatening complications from doxorubicin-docetaxel chemotherapy for breast cancer (letter) [Martin] (reply) [Brain] 2166
Neurologic adverse events associated with smallpox vaccination in the United States, 2002-2004 [Sejvar] 2744; correction, 3092
Off-label promotion, capitol health call [Kuehn] 673
RADAR project and the FDA (letter) [Trontell] (reply) [Bennett] 1206
Risk of death with nesiritide (letters) [Burger, Gortney] 897 (reply) [Sackner-Bernstein] 898
Selling safety—lessons from muraglitazar [Brophy] 2633
Vaccine safety—achieving the proper balance [Neuzil] 2763

Virulent *C difficile*, the world in medicine [Stephenson] 2423
Drug Resistance
Appropriate use of antimicrobial drugs: a better prescription is needed [Weber] 2354
Clinical decision support and appropriateness of antimicrobial prescribing: a randomized trial [Samore] 2305
Drug-resistant avian flu, the world in medicine [Stephenson] 2423
Identification of potential multitarget antimalarial drugs [Jenwitheesuk] 1490
Multidrug-resistant tuberculosis in Hmong refugees resettling from Thailand into the United States, 2004-2005, from CDC, 1753
Staph genes studied, health agencies update [Hampton] 2016
Drug Surveillance, Postmarketing see Product Surveillance, Postmarketing
Drug Therapy, Adjuvant see Chemotherapy, Adjuvant
Drug Therapy, Combination
Life-threatening complications from doxorubicin-docetaxel chemotherapy for breast cancer (letter) [Martin] (reply) [Brain] 2166
Drug Therapy, Computer-Assisted
Computerized physician order entry systems and medication errors (letters) [Bierstock, Keillor, Hegedus, Levick, Safran] 178, 179 (reply) [Koppel] 180
Drug Withdrawal Symptoms see Substance Withdrawal Syndrome
Drugs, Nonprescription
Provision or distribution of growth hormone for "antiaging" clinical and legal issues [Perls] 2086
Duccio di Buoninsegna (active 1278- d. 1319)
JAMA cover of December 21, *Madonna and Child* by Duccio di Buoninsegna [Southgate] 2947
Ductal Carcinoma In Situ see Carcinoma, Intraductal, Noninfiltrating
Dyspnea
Does this dyspneic patient in the emergency department have congestive heart failure? [Wang] 1944

E

Eakins, Thomas (1844-1916)
JAMA cover of September 14, *Sailboats Racing on the Delaware* by Thomas Eakins [Southgate] 1182
Earthquakes see Natural Disasters
Ebola Vaccines
Vaccines against Ebola and Marburg viruses show promise in primate studies [Hampton] 163
Eczema
Helminth infection during pregnancy and development of infantile eczema (research letter) [Elliott] 2032
Edifoligide
Efficacy and safety of edifoligide, an E2F transcription factor decoy, for prevention of vein graft failure following coronary artery bypass graft surgery: PREVENT IV: a randomized controlled trial [PREVENT IV Investigators] 2446
Editorial Policies
Biomedical journals probe peer review [Hampton] 2287
Conflicts of interest and independent data analysis in industry-funded studies (letters) [Loew, Molenberghs] 2575 (reply) [Fontanarosa] 2576
Reporting conflicts of interest, financial aspects of research, and role of sponsors in funded studies [Fontanarosa] 110
Education, Medical
AMA, AAMC say reform needed across continuum of US medical education [Voelker] 416
Costs and funding for published medical education research [Reed] 1052
Educational programs in US medical schools, 2004-2005 [Barzansky] 1068
Medical education 2005: from allegory to Bull Moose [Golub] 1108
Medical schools in Canada, 1128
Medical schools in the United States, 1119
Medical students' exposure to and attitudes about drug company interactions: a national survey [Sierles] 1034
Rainbow to dark clouds [DeAngelis] 1107
Separate and equitable promotion tracks for clinician-educators [Fleming] 1101
Standardized patients, *JAMA* Patient Page [Brender] 1172
Education, Medical, Continuing
Comparison of the instructional efficacy of Internet-based CME with live interactive CME workshops: a randomized controlled trial [Fordis] 1043
Suicide prevention strategies: a systematic review [Mann] 2064
Education, Medical, Graduate
Effects of work hour reduction on residents' lives: a systematic review [Fletcher] 1088
Graduate medical education, 1129
Physician-scientist career pipeline in 2005: build it, and they will come [Ley] 1343
Reforming graduate medical education [Ludmerer] 1083
Resident physicians' preparedness to provide cross-cultural care [Weissman] 1058
To Err Is Human 5 years later (letters) [Halbach, Surbone] 1758 (reply) [Leape] 1759
US graduate medical education, 2004-2005: trends in primary care specialties [Brotherton] 1075
Educational Status
Chronic conditions, functional limitations, and special health care needs of school-aged children born with extremely low-birth-weight in the 1990s [Hack] 318
Socioeconomic status in health research: one size does not fit all [Braveman] 2879
Efavirenz
Nonoccupational HIV postexposure prophylaxis (letter) [Weinberg] (reply) [Mayer] 1615
Efficiency
Annual smoking-attributable mortality, years of potential life lost, and productivity losses—United States, 1997-2001, from CDC, 788
Efficiency in the health care industries: a view from the outside [Grove] 490
"Manufacturing vs repair" in health care (letter) [Powsner] 2580
Elderly
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Delivery of preventive services to older adults by primary care physicians [Pham] 473
Folate and vitamin B_{12} for hip fracture prevention after stroke (letter) [Sugiyama] 791 (reply) [Sato] 792
Hypertension in adults across age groups (letters) [Berlowitz, Cheng] 2970, 2971 (reply) [Lloyd-Jones] 2971
Hypertension in adults across the age spectrum: current outcomes and control in the community [Lloyd-Jones] 466
Pneumonia in older adults: reversing the trend [File] 2760
Risk of pelvic fractures in older women following pelvic irradiation [Baxter] 2587
Trends in hospitalizations for pneumonia among persons aged 65 years or older in the United States, 1988-2002 [Fry] 2712
Electrocardiography
Electrocardiographic effects of a dietary supplement containing ephedra and caffeine (letter) [Milic] (reply) [White] 1487
Emergency Medicine
Access to trauma centers (letter) [Davis] 1759 (reply) [Branas] 1760
Carbon monoxide poisoning from hurricane-associated use of portable generators—Florida, 2004, from CDC, 1482
Clinical decision instruments for CT scanning in minor head injury [Haydel] 1551
Comparison of the Canadian CT head rule and the New Orleans criteria in patients with minor head injury [Stiell] 1511
Does this dyspneic patient in the emergency department have congestive heart failure? [Wang] 1944
Experts promote adoption of chest pain guidelines by emergency departments [Mitka] 164
External validation of the Canadian CT head rule and the New Orleans criteria for CT scanning in patients with minor head injury [Smits] 1519
Insurance status and access to urgent ambulatory care follow-up appointments [Asplin] 1248
Meth lab fires put heat on burn centers [Mitka] 2009
Opening shuttered hospitals, health agencies update [Hampton] 2016
Prone positioning in children with ARDS: positive reflections on a negative clinical trial [Kavanagh] 248
Surveillance for illness and injury after Hurricane Katrina—New Orleans, Louisiana, September 8-25, from CDC, 2837
Emotional Disturbances see Affective Symptoms
Encephalitis
Neurologic adverse events associated with smallpox vaccination in the United States, 2002-2004 [Sejvar] 2744; correction, 3092
Encephalitis, Viral
Viral encephalitis, *JAMA* Patient Page [Ringold] 514
Viral encephalitis transmitted from donor to organ recipients [Roos] 488
Endarterectomy, Carotid
Carotid artery surgery guidelines updated: new data also support stents in high-risk cases [Mitka] 2955
Endocarditis
Endocarditis from *Staphylococcus aureus* (letters) [Chikamori, Lorber] (reply) [Fowler] 2972
Endometrial Neoplasms
History and molecular genetics of Lynch syndrome in family G [Douglas] 2195
Endosonography
Endoscopic ultrasound added to mediastinoscopy for preoperative staging of patients with lung cancer [Annema] 931
Endotoxins
Clues to gene activity in inflammation found [Hampton] 1608
Enoxaparin
Abciximab in the treatment of ST-segment elevation myocardial infarction (letter) [Tan] 1760 (reply) [De Luca] 1761
High-risk patients with acute coronary syndromes treated with low-molecular-weight or unfractionated heparin: outcomes at 6 months and 1 year in the SYNERGY trial [Mahaffey] 2594
Environmental Exposure
Acute illnesses associated with pesticide exposure at schools [Alarcon] 455; correction, 1208
Birth order and MS, the world in medicine [Stephenson] 1331
Chernobyl's deadly legacy, the world in medicine [Stephenson] 1890
Children's health study closer to launch: lack of funding could cause delays [Kuehn] 2154
Endocrine-disrupting chemicals probed as potential pathways to illness [Trubo] 291
Epidemiologic assessment of the impact of four hurricanes—Florida, 2004, from CDC, 1484
Human exposure to mosquito-control pesticides—Mississippi, North Carolina, and Virginia, 2002 and 2003, from CDC, 419
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Long-term air pollution exposure and acceleration of atherosclerosis and vascular inflammation in an animal model [Sun] 3003
Medical groups sue EPA over mercury rule [Kuehn] 415
Mercury rule challenged, capitol health call [Kuehn] 1201
Pesticide exposure at schools and acute illnesses (letter) [Kirrane] (reply) [Calvert] 2431
Secondhand smoke effects, health agencies update [Hampton] 2016
Sun exposure, sun protection, and vitamin D [Robinson] 1541
Environmental Protection Agency (US) see United States Environmental Protection Agency
Ephedra
Electrocardiographic effects of a dietary supplement containing ephedra and caffeine (letter) [Milic] (reply) [White] 1487
Epidemiologic Studies
Cancer survivors need better care: new report makes recommendations [Hampton] 2959
Changing epidemiology of invasive pneumococcal disease among older adults in the era of pediatric pneumococcal conjugate vaccine [Lexau] 2043
Epidemiologic assessment of the impact of four hurricanes—Florida, 2004, from CDC, 1484
Genetic influences on health: does race matter? [Bamshad] 937; correction, 1620
Impact of varicella vaccination on health care utilization [Zhou] 797
Incidence of basal cell and squamous cell carcinomas in a population younger than 40 years [Christenson] 681
Mental illness takes heavy toll on youth [Kuehn] 293
Syphilis rates rise among men: trends for other STDs mixed [Kuehn] 3072
Trends in HIV/AIDS diagnoses—33 states, 2001-2004, from CDC, 3076
Trends in serum lipids and lipoproteins of adults, 1960-2002 [Carroll] 1773
Trends in the leading causes of death in the United States, 1970-2002 [Jemal] 1255
Equipment Safety
Cardiac device safety, health agencies update [Hampton] 2564
Safety improvements urged for MRI facilities [Mitka] 2145
Safety issues involving medical devices: implications of recent implantable cardioverter-defibrillator malfunctions [Maisel] 955
Update: *Ralstonia* species associated with Vapotherm oxygen delivery devices—United States, 2005, from CDC, 3082
Erectile Dysfunction see Impotence
Erythromycin
Antibiotic treatment of children with sore throat [Linder] 2315
Estrogen Therapy
Estrogen, progestin, and urinary incontinence (letter) [Blackwell] 2696 (reply) [Hendrix] 2697
Some surprises, some answers, and more questions about hormone therapy: further findings from the Women's Health Initiative [Petitti] 245
Symptom experience after discontinuing use of estrogen plus progestin [Ockene] 183
Estrogens
Pregnancy characteristics and maternal risk of breast cancer [Cnattingius] 2474
Ethics Committees, Research
Disclosing individual results of clinical research: implications of respect for participants [Shalowitz] 737
Experts ponder pediatric research ethics [Hampton] 2148
Quantifying the federal minimal risk standard: implications for "nonbeneficial" pediatric research [Wendler] 826
Ethics, Medical
Advances aim to ease stem cell concerns [Kuehn] 2557
Anonymity of gamete donations debated [Hampton] 2681
Coercive US interrogation policies: a challenge to medical ethics [Rubenstein] 1544

Confidentiality and "Jambo, Jahi" (letter) [Lyman] (reply) [Dunavan] 680
Consensus and controversy in clinical research ethics [Brody] 1411
Direct-to-consumer advertising and physician prescribing (letter) [Miller] (reply) [Kravitz] 678
Disclosing individual results of clinical research: implications of respect for participants [Shalowitz] 737
Electron-beam computed tomography for coronary calcium: a useful test to screen for coronary heart disease? [Mozaffarian] 2897
HIV testing without consent in critically ill patients [Halpern] 734
Importance of innovative efforts to increase organ donation [Matas] 1691
Neuroscience becomes image conscious as brain scans raise ethical issues [Friedrich] 781
NIH eases ethics rules on employees: consulting ban to remain [Hampton] 1749
Physicians advising investment firms (letters) [Hampson, Patmas] (reply) [Topol] 1897
Physicians condemn torture, capitol health call [Mitka] 2833
Stem cell research: paths to cancer therapies and regenerative medicine [Weissman] 1359
When (not) to stop a clinical trial for benefit [Pocock] 2228
Ethnic Groups
Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry [Nanda] 1925
Racial/ethnic disparities in infant mortality—United States, 1995-2002, from CDC, 298
Resident physicians' preparedness to provide cross-cultural care [Weissman] 1058
Socioeconomic status in health research: one size does not fit all [Braveman] 2879
Europe
Medical research activities, funding, and creativity in Europe: comparison with research in the United States [Philipson] 1394
European Rare Diseases Therapeutic Initiative
European researchers, drug companies join forces against rare diseases [Bosch] 2014
Evidence-Based Medicine
Adding value to evidence-based clinical guidelines [O'Connor] 741
Exercise
Angiotensin-converting enzyme insertion/deletion genotype, exercise, and physical decline [Kritchevsky] 691
Fitness, *JAMA* Patient Page [Torpy] 3048
Prevalence and cardiovascular disease correlates of low cardiorespiratory fitness in adolescents and adults [Carnethon] 2981
Preventing chronic disease, the world in medicine [Stephenson] 2423
Reducing Alzheimer risk, the world in medicine [Stephenson] 2423
Exhibits
Ovarian cancer inspires art exhibit [Lamberg] 2831

F

Falls, Unintentional see Unintentional Falls
Family Health
Family health history, health agencies update [Hampton] 3079
Family Violence see Domestic Violence
Famine
Accumulating evidence for prenatal nutritional origins of mental disorders [Neugebauer] 621
Rates of adult schizophrenia following prenatal exposure to the Chinese famine of 1959-1961 [St Clair] 557
Schizophrenia and the Chinese famine of 1959-1961 (letter) [Altschuler] (reply) [Neugebauer] 2968
Farnesylation see Protein Isoprenylation
Farnesyltransferase Inhibitors
Cancer drug and progeria, health agencies update [Hampton] 2016
Fasting
Fasting and medical issues during Ramadan (letter) [Crosby] 1618
Fatigue
Effects of work hour reduction on residents' lives: a systematic review [Fletcher] 1088
Neurobehavioral performance of residents after heavy night call vs after alcohol ingestion [Arnedt] 1025
Work hours and reducing fatigue-related risk: good research vs good policy [Dawson] 1104
Fatty Acids, Omega-3
Fish oil supplementation and arrhythmias (letter) [Strauss] (reply) [Raitt] 2165
Studies probe diet's role in eye disease [Kuehn] 32
Feedback
Administrative data feedback for effective cardiac treatment: AFFECT, a cluster randomized trial [Beck] 309
Optimizing the science of quality improvement [Peterson] 369
Fentanyl
Fentanyl patch advisory, health agencies update [Hampton] 893
Fertility
Researchers discover a range of factors undermine sperm quality, male fertility [Hampton] 2829
Fertilization In Vitro
Lasker Foundation and recognition of scientific excellence [Edwards] 1422
Fetal Monitoring
Who will deliver our grandchildren? implications of cerebral palsy litigation [MacLennan] 1689
Fetus
Fetal pain: a systematic multidisciplinary review of the evidence [Lee] 947
Fiber, Dietary see Dietary Fiber
Fibrillin
Genes help unravel Marfan pathology, point way to potential new therapies [Kuehn] 1745
Fibrinogen
Plasma fibrinogen level and the risk of major cardiovascular diseases and nonvascular mortality: an individual participant meta-analysis [Fibrinogen Studies Collaboration] 1799; correction, 2848
Fibrinolytic Agents
Abciximab in the treatment of ST-segment elevation myocardial infarction (letter) [Tan] 1760 (reply) [De Luca] 1761
Fibrinolytic Therapy see Thrombolytic Therapy
Filoviridae
Vaccines against Ebola and Marburg viruses show promise in primate studies [Hampton] 163
Finasteride
Clinical trials point to complexities of chemoprevention for cancer [Hampton] 29
Firearms
Criminal records of homicide offenders [Cook] 598
Fish Oils
Fish oil supplementation and arrhythmias (letter) [Strauss] (reply) [Raitt] 2165
Fishes
Blood mercury levels and neurobehavior (letter) [Mutter] (reply) [Weil] 679
Studies probe diet's role in eye disease [Kuehn] 32
Fletcher, Irene T. (1900-1969)
JAMA cover of November 2, *Laid Off* by Irene T. Fletcher [Southgate] 2133
Florida
Epidemiologic assessment of the impact of four hurricanes—Florida, 2004, from CDC, 1484
Fluorouracil
Adjuvant chemotherapy for stage III colon cancer: implications of race/ethnicity, age, and differentiation [Jessup] 2703
Progress in the adjuvant treatment of colon cancer: has it influenced clinical practice? [Van Cutsem] 2758
Folic Acid
Folate and vitamin B_{12} for hip fracture prevention after stroke (letter) [Sugiyama] 791 (reply) [Sato] 792
Food and Drug Administration (US) see United States Food and Drug Administration
Food Contamination
Surveillance and coordination key to reducing foodborne illness [Kuehn] 2683
Foramen Ovale, Patent see Heart Septal Defects, Atrial
Forecasting
Metaphysical games: an imaginary lecture on crafting earth's biological future [Lederberg] 1415
FROM THE *ARCHIVES* JOURNALS: ABSTRACT AND COMMENTARY
Immunization with β-amyloid$_{(1-42)}$ protein for Alzheimer disease: genomics predicts the response [Rosenberg] 2352
Sun exposure, sun protection, and vitamin D [Robinson] 1541
Viral encephalitis transmitted from donor to organ recipients [Roos] 488
FROM THE CENTERS FOR DISEASE CONTROL AND PREVENTION
Annual smoking-attributable mortality, years of potential life lost, and productivity losses—United States, 1997-2001, from CDC, 788
Atypical reactions associated with heroin use—five states, January-April 2005, from CDC, 2424
Barriers to children walking to or from school—United States, 2004, from CDC, 2160
Brief report: terrorism and emergency preparedness in state and territorial public health departments—United States, 2004, from CDC, 549
Carbon monoxide poisoning from hurricane-associated use of portable generators—Florida, 2004, from CDC, 1482
CDC announces landmark reorganization, from CDC, 38
Cigarette smoking among adults—United States, 2003, from CDC, 172
Clostridium sordellii toxic shock syndrome after medical abortion with mifepristone and intravaginal misoprostol—United States and Canada, 2001-2005, from CDC, 1894
Cruise-ship–associated Legionnaires disease, November 2003–May 2004, from CDC, 3080
Direct and indirect effects of routine vaccination of children with 7-valent pneumococcal conjugate vaccine on incidence of invasive pneumococcal disease—United States, 1998-2003, from CDC, 2022
Disparities in deaths from stroke among persons aged <75 years—United States, 2002, from CDC, 299
Epidemiologic assessment of the impact of four hurricanes—Florida, 2004, from CDC, 1484
FDA approval of VAQTA (hepatitis A vaccine, inactivated) for children aged ≥1 year, from CDC, 2296
Fifth International Conference on Emerging Infectious Diseases, from CDC, 3082
HIV prevalence, unrecognized infection, and HIV testing among men who have sex with men—five U.S. cities, June 2004–April 2005, from CDC, 674
Human exposure to mosquito-control pesticides—Mississippi, North Carolina, and Virginia, 2002 and 2003, from CDC, 419
Hurricane Katrina response and guidance for health-care providers, relief workers, and shelter operators, from CDC, 2026
Import-associated measles outbreak—Indiana, May-June 2005, from CDC, 2691
Incidence of end-stage renal disease among persons with diabetes—United States, 1990-2002, from CDC, 2962
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Lymphocytic choriomeningitis virus infection in organ transplant recipients—Massachusetts, Rhode Island, 2005, from CDC, 173
Mental health in the United States: health care and well being of children with chronic emotional, behavioral, or developmental problems— United States, 2001, from CDC, 2567
Mental health in the United States: prevalence of diagnosis and medication treatment for attention-deficit/hyperactivity disorder—United States, 2003, from CDC, 2293
Monitoring progress in arthritis management—United States and 25 states, 2003, from CDC, 789
Multidrug-resistant tuberculosis in Hmong refugees resettling from Thailand into the United States, 2004-2005, from CDC, 1753
National, state, and urban area vaccination coverage among children aged 19-35 months—United States, 2004, from CDC, 1485
Norovirus outbreak among evacuees from Hurricane Katrina—Houston, Texas, September 2005, from CDC, 2834
Poliovirus infections in four unvaccinated children—Minnesota, August-October 2005, from CDC, 2689
Positive test results for acute hepatitis A virus infection among persons with no recent history of acute hepatitis—United States, 2002-2004, from CDC, 894
Preventable measles among U.S. residents, 2001-2004, from CDC, 1755
Progress toward global eradication of dracunculiasis, January 2004–July 2005, from CDC, 2839
Publication of guidance on public reporting of health-care- associated infections, from CDC, 896
Racial/ethnic disparities in infant mortality—United States, 1995-2002, from CDC, 298
Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569
Role of public health in mental health promotion, from CDC, 2293
Self-reported asthma among high school students—United States, 2003, from CDC, 1891
Seroprevalence of poliovirus antibodies among children in a Dominican community—Puerto Rico, 2002, from CDC, 548
Shigella flexneri serotype 3 infections among men who have sex with men—Chicago, Illinois, 2003-2004. from CDC, 2427
State smoking restrictions for private-sector worksites, restaurants, and bars—United States, 1998 and 2004, from CDC, 1202
State-specific prevalence of cigarette smoking and quitting among adults—United States, 2004, fom CDC, 2963
Surveillance for illness and injury after Hurricane Katrina—New Orleans, Louisiana, September 8-25, from CDC, 2837
Tiered use of inactivated influenza vaccine in the event of a vaccine shortage, from CDC, 1204
Transmission of hepatitis B virus among persons undergoing blood glucose monitoring in long-term–care facilities—Mississippi, North Carolina, and Los Angeles County, California, 2003-2004, from CDC, 35
Travel-associated dengue infections—United States, 2001-2004, from CDC, 421
Trends in cholesterol screening and awareness of high blood cholesterol—United States, 1991-2003, from CDC, 2021
Trends in HIV/AIDS diagnoses—33 states, 2001-2004, from CDC, 3076
Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613

Update: *Ralstonia* species associated with Vapotherm oxygen delivery devices—United States, 2005, from CDC, 3082
Update: syringe exchange programs—United States, 2002, from CDC, 1892
Frozen Sections
100-year anniversary of the description of the frozen section procedure [Gal] 3135
Frozen section biopsy, *JAMA* Patient Page [Brender], 3200
Fruit
Dietary fiber and colorectal cancer: an ongoing saga [Baron] 2904
Dietary fiber intake and risk of colorectal cancer: a pooled analysis of prospective cohort studies [Park] 2849
Funding
AIDS funding boost, capitol health call [Mitka] 2833
Children's health study closer to launch: lack of funding could cause delays [Kuehn] 2154
Costs and funding for published medical education research [Reed] 1052
Federal funding and supportive policies for research [Porter] 1385
Financial anatomy of biomedical research [Moses] 1333
Fostering innovation and discovery in biomedical research [Cech] 1390
Grant probe urged, capitol health call [Mitka] 2292
Medical research activities, funding, and creativity in Europe: comparison with research in the United States [Philipson] 1394
Medical research—state of the science [Fontanarosa] 1424
Protecting health—the new research imperative [Gerberding] 1403
Public attitudes and perceptions about health-related research [Woolley] 1380
US biomedical research: basic, translational, and clinical sciences [Zerhouni] 1352
Fungi
Curbing malaria with fungi, the world in medicine [Stephenson] 297

G

Gastric Bypass
Bariatric surgery, *JAMA* Patient Page [Torpy] 1986
Hospitalization before and after gastric bypass surgery [Zingmond] 1918
Trends in bariatric surgical procedures [Santry] 1909
Gastric Neoplasms see Stomach Neoplasms
Gastric Ulcer see Stomach Ulcer
Gastroesophageal Reflux
Evaluation and management of laryngopharyngeal reflux [Ford] 1534
Neurological and neuromuscular disease as a risk factor for respiratory failure in children hospitalized with influenza infection [Keren] 2188
Gastrointestinal Neoplasms
Alcohol and cancer, health care agencies [Hampton] 1481
Gastroplasty
Trends in bariatric surgical procedures [Santry] 1909
Gauguin, Paul (1848-1903)
JAMA cover of July 13, *Still Life With Profile of Laval* by Paul Gauguin [Southgate] 155
Gene Expression
Clues to gene activity in inflammation found [Hampton] 1608
Immunization with β-amyloid$_{(1-42)}$ protein for Alzheimer disease: genomics predicts the response [Rosenberg] 2352
MicroRNAs move into cancer research [Hampton] 411
Novel lupus therapies show promise [Kuehn] 2960
Roots of psoriasis, the world in medicine [Stephenson] 1890
Gene Fusion
Gene fusion found in prostate cancer [Hampton] 2832
Gene Therapy
Efficacy and safety of edifoligide, an E2F transcription factor decoy, for prevention of vein graft failure following coronary artery bypass graft surgery: PREVENT IV: a randomized controlled trial [PREVENT IV Investigators] 2446
Gene therapy and vein graft patency in coronary artery bypass graft surgery [Conti] 2495
Prospects for the future of child health through research [Feigin] 1373
Generators, Portable
Carbon monoxide poisoning from hurricane-associated use of portable generators—Florida, 2004, from CDC, 1482
Genes, *BRCA1*
BRCA mutations and ductal carcinoma in situ (letter) [Foulkes] 553 (reply) [Claus] 554; correction, 1491
Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry [Nanda] 1925
Racial differences in *BRCA* testing (letter) [Alford] (reply) [Armstrong] 677
Genes, *BRCA2*
BRCA mutations and ductal carcinoma in situ (letter) [Foulkes] 553 (reply) [Claus] 554; correction, 1491
Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry [Nanda] 1925
Racial differences in *BRCA* testing (letter) [Alford] (reply) [Armstrong] 677
Genes, jun
Roots of psoriasis, the world in medicine [Stephenson] 1890
Genetic Counseling
Disclosing individual results of clinical research: implications of respect for participants [Shalowitz] 737
Genetic information: how much can patients handle? [Kuehn] 295
Racial differences in *BRCA* testing (letter) [Alford] (reply) [Armstrong] 677
Genetic Engineering
Stem cells created from somatic cells [Kuehn] 1475
Genetic Predisposition to Disease
Genetic influences on health: does race matter? [Bamshad] 937; correction, 1620
History and molecular genetics of Lynch syndrome in family G [Douglas] 2195
Predictors and prevalence of paraganglioma syndrome associated with mutations of the *SDHC* gene [Schiavi] 2057
Sibling cardiovascular disease as a risk factor for cardiovascular disease in middle-aged adults [Murabito] 3117
Somatic acquisition and signaling of *TGFBR1**6A in cancer [Pasche] 1634
Genetic Screening
Efficient genotyping for congenital long QT syndrome [Kaufman] 3027
Genetic information: how much can patients handle? [Kuehn] 295
Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry [Nanda] 1925
Genetic testing in the long QT syndrome: development and validation of an efficient approach to genotyping in clinical practice [Napolitano] 2975
History and molecular genetics of Lynch syndrome in family G [Douglas] 2195
Molecular classification of patients with unexplained hamartomatous and hyperplastic polyposis [Sweet] 2465
Realizing the promise of genomics in biomedical research [Guttmacher] 1399
Unwinding the heterogeneous nature of hamartomatous polyposis syndromes [Carethers] 2498
Genetic Techniques
Genes help unravel Marfan pathology, point way to potential new therapies [Kuehn] 1745
Genistein
Endocrine-disrupting chemicals probed as potential pathways to illness [Trubo] 291
Genome, Protozoan
Decoding parasite genomes, the world in medicine [Stephenson] 787
Genomics
Animal genome sequencing, health agencies update [Hampton] 418
Genetic information: how much can patients handle? [Kuehn] 295
Immunization with β-amyloid$_{(1-42)}$ protein for Alzheimer disease: genomics predicts the response [Rosenberg] 2352
Metaphysical games: an imaginary lecture on crafting earth's biological future [Lederberg] 1415
Psychiatry as a clinical neuroscience discipline [Insel] 2221
Realizing the promise of genomics in biomedical research [Guttmacher] 1399
Scientists confront cloning challenges [Hampton] 782
Genotype
Angiotensin-converting enzyme insertion/deletion genotype, exercise, and physical decline [Kritchevsky] 691
George, E. L. (19th century)
JAMA cover of July 20, *Child in a Rocking Chair* by E. L. George [Southgate] 283
Gerbillinae
Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613
Gerbils see Gerbillinae
Glitazones
Vitamin E supplementation, cardiovascular events, and cancer (letters) [Gaby, Jarski, Richey] 425 (reply) [Lonn] 426
Glyceryl Trioleate-Glyceryl Trierucate
Adrenoleukodystrophy: new approaches to a neurodegenerative disease [Moser] 3131
Glycoprotein IIb-IIIa Inhibitors
Excess dosing of antiplatelet and antithrombin agents in the treatment of non–ST-segment elevation acute coronary syndromes [Alexander] 3108
Routine vs selective invasive strategies in acute coronary syndromes (letters) [Bavry, Carbajal] 2844, 2845 (reply) [Mehta] 2845
Tirofiban plus sirolimus-eluting stent vs abciximab plus bare-metal stent (letters) [Osman, De Luca] 1616, 1617 (reply) [Valgimigli] 1617
Gonorrhea
Syphilis rates rise among men: trends for other STDs mixed [Kuehn] 3072
Graft Rejection
Efficacy and safety of edifoligide, an E2F transcription factor decoy, for prevention of vein graft failure following coronary artery bypass graft surgery: PREVENT IV: a randomized controlled trial [PREVENT IV Investigators] 2446
Gene therapy and vein graft patency in coronary artery bypass graft surgery [Conti] 2495
Graft Survival
Clinical results from transplanting incompatible live kidney donor/recipient pairs using kidney paired donation [Montgomery] 1655
Deceased-donor characteristics and the survival benefit of kidney transplantation [Merion] 2726
GRAND ROUNDS AT THE JOHNS HOPKINS BAYVIEW MEDICAL CENTER (Cooper DS, ed)
Adrenal insufficiency [Salvatori] 2481
Tumor-induced osteomalacia [Jan de Beur] 1260
GRAND ROUNDS AT THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO, MEDICAL CENTER (Cooper DS, ed)
What to do with a patient who smokes [Schroeder] 482
Graves Disease
Hyperthyroidism, *JAMA* Patient Page [Torpy] 146
Great Britain
Quality, innovation, and value for money: NICE and the British National Health Service [Pearson] 2618
Growth Hormone
Hormone changes in aging adults probed [Trubo] 663
Provision or distribution of growth hormone for "anti-aging" clinical and legal issues [Perls] 2086
Grubbs, Robert H. (1942-)
Nobels honor research on ulcer microbe, "green" drug production method [Kuehn] 2289
Guideline Adherence
Administrative data feedback for effective cardiac treatment: AFFECT, a cluster randomized trial [Beck] 309
Trends in management and outcomes of patients with acute myocardial infarction complicated by cardiogenic shock [Babaev] 448
Guidelines
Adding value to evidence-based clinical guidelines [O'Connor] 741
Carotid artery surgery guidelines updated: new data also support stents in high-risk cases [Mitka] 2955
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Coercive US interrogation policies: a challenge to medical ethics [Rubenstein] 1544
Experts promote adoption of chest pain guidelines by emergency departments [Mitka] 164
Experts: target heart disease from birth [Mitka] 2558
Hurricane Katrina response and guidance for health-care providers, relief workers, and shelter operators, from CDC, 2026
Medical and legal issues impacting the cardiovascular evaluation of competitive athletes [Paterick] 3011
New heart failure guidelines released [Voelker] 892
Nonoccupational HIV postexposure prophylaxis (letter) [Weinberg] (reply) [Mayer] 1615
Primary prophylaxis with the implantable cardioverter-defibrillator: the need for improved risk stratification [Gehi] 958
Safety improvements urged for MRI facilities [Mitka] 2145
Guillain-Barre Syndrome
Neurologic adverse events associated with smallpox vaccination in the United States, 2002-2004 [Sejvar] 2744; correction, 3092
Guinea Pigs
Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613

H

H2 Receptor Antagonists see Histamine H2 Antagonists
HAART see Antiretroviral Therapy, Highly Active
Haemophilus influenzae
Immunological memory: the role of B cells in long-term protection against invasive bacterial pathogens [Kelly] 3019
Haemophilus Vaccines
Childhood vaccination and nontargeted infectious disease hospitalization [Hviid] 699
Hair Dyes
Hair dye use and non-Hodgkin lymphoma (letter) [Zahm] (reply) [Takkouche] 1205
Hamartomatous Polyposis
Molecular classification of patients with unexplained hamartomatous and hyperplastic polyposis [Sweet] 2465

Unwinding the heterogeneous nature of hamartomatous polyposis syndromes [Carethers] 2498
Hamsters
Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613
Hazardous Waste
Nobels honor research on ulcer microbe, "green" drug production method [Kuehn] 2289
HDL Cholesterol see Lipoproteins, HDL Cholesterol
Head Injuries see Craniocerebral Trauma
HEALTH AGENCIES UPDATE (Stephenson J, ed)
Alcohol and cancer [Hampton] 1481
Animal genome sequencing [Hampton] 418
Brain and behavior [Hampton] 893
Cancer drug and progeria [Hampton] 2016
Cardiac device safety [Hampton] 2564
Cervical cancer [Hampton] 893
Electronic drug labels [Hampton] 3075
Electronic records [Hampton] 2564
Family health history [Hampton] 3075
FDA official resigns [Hampton] 1481
Fentanyl patch advisory [Hampton] 893
HIV screening advice [Hampton] 418
Isotretinoin risks [Hampton] 1481
Malaria vaccine clue [Hampton] 418
Nanotechnology safety [Hampton] 2564
Opening shuttered hospitals [Hampton] 2016
Ovarian cancer tests [Hampton] 3075
Pharmacogenetics research [Hampton] 2564
Schizophrenia forum [Hampton] 3075
Secondhand smoke effects [Hampton] 2016
Staph genes studied [Hampton] 2016
Surgical complications [Hampton] 1481
Treating chronic insomnia [Hampton] 418
Weight-loss surgeries up [Hampton] 893
Health Care Sector
Efficiency in the health care industries: a view from the outside [Grove] 490
"Manufacturing vs repair" in health care (letter) [Powsner] 2580
Health Education
Cervical cancer, health agencies update [Hampton] 893
HEALTH LAW AND ETHICS (Gostin LO, Cole HM, eds)
Medical and legal issues impacting the cardiovascular evaluation of competitive athletes [Paterick] 3011
Health Policy
Accelerated approval abuse, capitol health call [Mitka] 171
Advances aim to ease stem cell concerns [Kuehn] 2557
Anonymity of gamete donations debated [Hampton] 2681
Antianxiety inclusion, capitol health call [Kuehn] 673
Consensus and controversy in clinical research ethics [Brody] 1411
Contentious vote deferred, capitol health call [Mitka] 2833
Cosmetic lenses scrutinized, capitol health call [Mitka] 1752
Disclosing individual results of clinical research: implications of respect for participants [Shalowitz] 737
Drug prices and value for money: the Australian Pharmaceutical Benefits Scheme [Henry] 2630
Electronic drug labels, health agencies update [Hampton] 3075
Essential nutrients: food or supplements? where should the emphasis be? [Lichtenstein] 351
Experts ponder pediatric research ethics [Hampton] 2148
FDA official resigns, health agencies update [Hampton] 1481
Federal funding and supportive policies for research [Porter] 1385
Fetal pain: a systematic multidisciplinary review of the evidence [Lee] 947
Financial anatomy of biomedical research [Moses] 1333
Fostering innovation and discovery in biomedical research [Cech] 1390
Improving relations between attorneys and physicians [Jacobson] 2083
Medical groups sue EPA over mercury rule [Kuehn] 415
Medical marijuana, American federalism, and the Supreme Court [Gostin] 842
Medical research activities, funding, and creativity in Europe: comparison with research in the United States [Philipson] 1394
Medical research—state of the science [Fontanarosa] 1424
No fed money for ED drugs, capitol health call [Mitka] 171
On the preservation of health [Barondess] 3024
Patents-based pharmaceutical development process: rationale, problems, and potential reforms [Barton] 2075
Pay-for-performance research: how to learn what clinicians and policy makers need to know [Dudley] 1821
Physicians condemn torture, capitol health call [Mitka] 2833
Plan B deferred, capitol health call [Mitka] 1752
Policy targets lowering SIDS incidence [Mitka] 2420
Protecting health—the new research imperative [Gerberding] 1403
Provision or distribution of growth hormone for "anti-aging" clinical and legal issues [Perls] 2086
Public attitudes and perceptions about health-related research [Woolley] 1380
Publication of guidance on public reporting of healthcare- associated infections, from CDC, 896
Quality, innovation, and value for money: NICE and the British National Health Service [Pearson] 2618
Quantifying the federal minimal risk standard: implications for "nonbeneficial" pediatric research [Wendler] 826
Reflections on the Lasker prize for basic biomedical research [Berg] 1419
Regulation of medical marijuana (letter) [Das] (reply) [Gostin] 3091
Research on women's health: progress and opportunities [Pinn] 1407
Socioeconomic status in health research: one size does not fit all [Braveman] 2879
State smoking restrictions for private-sector worksites, restaurants, and bars—United States, 1998 and 2004, from CDC, 1202
Stem cell research: paths to cancer therapies and regenerative medicine [Weissman] 1359
Supreme Court's influence on medicine and health: the Rehnquist court, 1986-2005 [Gostin] 1685
Trials on the record, capitol health call [Kuehn] 673
Use of stories in clinical research and health policy [Steiner] 2901
Why America needs a strong FDA [Markel] 2489
Health Services Accessibility
Access to trauma centers (letter) [Davis] 1759 (reply) [Branas] 1760
Heart Arrest see Cardiac Arrest
Heart Failure, Congestive
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Does this dyspneic patient in the emergency department have congestive heart failure? [Wang] 1944
Effect of muraglitazar on death and major adverse cardiovascular events in patients with type 2 diabetes mellitus [Nissen] 2581
Evaluation study of congestive heart failure and pulmonary artery catheterization effectiveness: the ESCAPE trial [ESCAPE Investigators] 1625
Impact of candesartan on nonfatal myocardial infarction and cardiovascular death in patients with heart failure [Demers] 1794
Insulin resistance and congestive heart failure (letter) [Stefan] (reply) [Ingelsson] 2578
Insulin resistance and risk of congestive heart failure [Ingelsson] 334
New heart failure guidelines released [Voelker] 892
Prognostic value of serial B-type natriuretic peptide testing during follow-up of patients with unstable coronary artery disease [Morrow] 2866
Risk of death with nesiritide (letters) [Burger, Gortney] 897 (reply) [Sackner-Bernstein] 898
Risk-treatment mismatch for heart failure (letter) [Suissa] (reply) [Lee] 3087
Risk-treatment mismatch in the pharmacotherapy of heart failure [Lee] 1240
Selling safety—lessons from muraglitazar [Brophy] 2633
Heart Septal Defects, Atrial
Patent foramen ovale closure devices: moving beyond equipoise [Maisel] 366
Heart Surgery see Thoracic Surgery
Heart Valve Prosthesis Implantation
Prophylactic oral amiodarone for the prevention of arrhythmias that begin early after revascularization, valve replacement, or repair: PAPABEAR: a randomized controlled trial [Mitchell] 3093
Prophylaxis against postoperative atrial fibrillation: current progress and future directions [Podgoreanu] 3140
Heartburn
Off-label promotion, capitol health call [Kuehn] 673
Helicobacter pylori
Lasker awards: celebrating scientific discovery [Marshall] 1420
Nobels honor research on ulcer microbe, "green" drug production method [Kuehn] 2289
Helminths
Helminth infection during pregnancy and development of infantile eczema (research letter) [Elliott] 2032
Hemoglobin C
Malaria vaccine clue, health agencies update [Hampton] 418
Heparin
Abciximab in the treatment of ST-segment elevation myocardial infarction (letter) [Tan] 1760 (reply) [De Luca] 1761
Excess dosing of antiplatelet and antithrombin agents in the treatment of non–ST-segment elevation acute coronary syndromes [Alexander] 3108
High-risk patients with acute coronary syndromes treated with low-molecular-weight or unfractionated heparin: outcomes at 6 months and 1 year in the SYNERGY trial [Mahaffey] 2594
Hepatitis A
Effect of hepatitis A vaccination programs [Van Damme] 246
Hepatitis A virus, *JAMA* Patient Page [Ringold] 270
Incidence of hepatitis A in Israel following universal immunization of toddlers [Dagan] 202
Incidence of hepatitis A in the United States in the era of vaccination [Wasley] 194
Positive test results for acute hepatitis A virus infection among persons with no recent history of acute hepatitis—United States, 2002-2004, from CDC, 894
Hepatitis A Vaccines
FDA approval of VAQTA (hepatitis A vaccine, inactivated) for children aged ≥1 year, from CDC, 2296
Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569
Hepatitis B
Transmission of hepatitis B virus among persons undergoing blood glucose monitoring in long-term–care facilities—Mississippi, North Carolina, and Los Angeles County, California, 2003-2004, from CDC, 35
Hepatitis B Vaccines
Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569
Heroin Dependence
Anesthesia-assisted vs buprenorphine- or clonidine-assisted heroin detoxification and naltrexone induction: a randomized trial [Collins] 903
Atypical reactions associated with heroin use—five states, January-April 2005, from CDC, 2424
Methadone treatment marks 40 years [Kuehn] 887
Himalayan Rescue Association
Volunteering overseas gives physicians a measure of adventure and altruism [Mitka] 671
Hip Fractures
Folate and vitamin B_{12} for hip fracture prevention after stroke (letter) [Sugiyama] 791 (reply) [Sato] 792
Postradiotherapy pelvic fractures: cause for concern or opportunity for future research? [Small] 2635
Risk of pelvic fractures in older women following pelvic irradiation [Baxter] 2587
Hispanic Americans
Disparities in deaths from stroke among persons aged <75 years—United States, 2002, from CDC, 299
Genetic influences on health: does race matter? [Bamshad] 937; correction, 1620
Percentage of persons aged ≥20 years with hypertension by race/ethnicity—United States, 1999-2002, 2966
Racial/ethnic disparities in infant mortality—United States, 1995-2002, from CDC, 298
Socioeconomic status in health research: one size does not fit all [Braveman] 2879
Histamine H_1 Antagonists
Treating chronic insomnia, health agencies update [Hampton] 418
Histone Deacetylase Inhibitors
Novel lupus therapies show promise [Kuehn] 2960
History of Medicine
100-year anniversary of the description of the frozen section procedure [Gal] 3135
Schizophrenia and the Chinese famine of 1959-1961 (letter) [Altschuler] (reply) [Neugebauer] 2968
HIV Infections
Efforts to meet world health goals lag [Mitka] 1600
Global HIV/AIDS Report, the world in medicine [Stephenson] 2961
HIV prevalence, unrecognized infection, and HIV testing among men who have sex with men—five U.S. cities, June 2004–April 2005, from CDC, 674
HIV screening advice, health agencies update [Hampton] 418
HIV testing without consent in critically ill patients [Halpern] 734
Nonoccupational HIV postexposure prophylaxis (letter) [Weinberg] (reply) [Mayer] 1615
Possible child-to-mother transmission of HIV by breastfeeding [Visco-Comandini] 2301
Researchers investigate factors linked to development of secondary diabetes [Trubo] 668
Trends in HIV/AIDS diagnoses—33 states, 2001-2004, from CDC, 3076
Update: syringe exchange programs—United States, 2002, from CDC, 1892
Women in Rwanda: another world is possible [Cohen] 613
Homicide
Criminal records of homicide offenders [Cook] 598
Mental illness and violent death: major issues for public health [Cole] 623
Homocysteine
Folate and vitamin B_{12} for hip fracture prevention after stroke (letter) [Sugiyama] 791 (reply) [Sato] 792
Homosexuality
Shigella flexneri serotype 3 infections among men who have sex with men—Chicago, Illinois, 2003-2004, from CDC, 2427
Hormone Replacement Therapy
Adrenoleukodystrophy: new approaches to a neurodegenerative disease [Moser] 3131
Hormone Replacement Therapy, Post-Menopausal see Estrogen Therapy

Hospice Care
Improving use of hospice services in nursing homes: a randomized controlled trial [Casarett] 211
Hospitalization
Childhood vaccination and nontargeted infectious disease hospitalization [Hviid] 699
Hospitalization before and after gastric bypass surgery [Zingmond] 1918
Impact of varicella vaccination on health care utilization [Zhou] 797
Pneumonia in older adults: reversing the trend [File] 2760
Trends in hospitalizations for pneumonia among persons aged 65 years or older in the United States, 1988-2002 [Fry] 2712
Hospitals
Hospital characteristics associated with the management of pediatric splenic injuries [Bowman] 2611
Long road to patient safety: a status report on patient safety systems [Longo] 2858
Opening shuttered hospitals, health agencies update [Hampton] 2016
Publication of guidance on public reporting of healthcare- associated infections, from CDC, 896
Quality improvement organizations and hospital care (letters) [Bratzler, Jencks, Gold, Sugarman] 2028, 2029 (reply) [Snyder] 2030
House Calls
Trends in house calls to Medicare beneficiaries (research letter) [Landers] 2435
Houston
Norovirus outbreak among evacuees from Hurricane Katrina—Houston, Texas, September 2005, from CDC, 2834
Human Rights
Agencies speak out on rape in Darfur [Hampton] 542
Coercive US interrogation policies: a challenge to medical ethics [Rubenstein] 1544
Modern slavery a hidden crime in the US [Cole] 541
Physicians condemn torture, capitol health call [Mitka] 2833
Hurricanes see Natural Disasters
Hutchinson-Gilford Syndrome see Progeria
Hybrid Cells
Stem cells created from somatic cells [Kuehn] 1475
Hydrocortisone
Adrenal insufficiency [Salvatori] 2481
Hydroxycholecalciferols
Relationship between serum parathyroid hormone levels, vitamin D sufficiency, and calcium intake [Steingrimsdottir] 2336
Hydroxymethylglutaryl-CoA Reductase Inhibitors
Biomarkers for mortality and cardiovascular events (letter) [Koenig] (reply) [Kistorp] 303
High-dose atorvastatin vs usual-dose simvastatin for secondary prevention after myocardial infarction: the IDEAL Study: a randomized controlled trial [Pedersen] 2437; correction, 3092
IDEAL Cholesterol: lower is better [Cannon] 2492; correction, 2973
Managing lipid levels in diabetes beneficial but requires clinical judgment [Trubo] 670
Hydroxyvitamins D see Hydroxycholecalciferols
Hypercalcemia
Evaluation and treatment of primary hyperparathyroidism (letters) [Grey, Mikhail] 2699, 2700
Hypercholesterolemia
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Hypercoagulability see Thrombophilia
Hyperlipidemia
Nonalcoholic fatty liver and insulin resistance among petrochemical workers (research letter) [Cotrim] 1618
Role of vitamin E in the prevention of cardiovascular disease and cancer (letter) [Punnam] (reply) [Lee] 2432
Hyperparathyroidism
Evaluation and treatment of primary hyperparathyroidism (letters) [Grey, Mikhail] 2699, 2700
Hyperthyroidism, *JAMA* Patient Page [Torpy] 146
Hypersensitivity
Edible rice vaccine, the world in medicine [Stephenson] 2961
Hypertension
Chronic kidney disease and cardiovascular risk (letter) [O'Rourke] (reply) [Shlipak] 791
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Deceased-donor characteristics and the survival benefit of kidney transplantation [Merion] 2726
Effects of protein, monounsaturated fat, and carbohydrate intake on blood pressure and serum lipids: results of the OmniHeart randomized trial [Appel] 2455
Habitual caffeine intake and the risk of hypertension in women [Winkelmayer] 2330
Hypertension in adults across age groups (letters) [Berlowitz, Cheng] 2970, 2971 (reply) [Lloyd-Jones] 2971
Hypertension in adults across the age spectrum: current outcomes and control in the community [Lloyd-Jones] 466
More novel effects of diet on blood pressure and lipids [Weinberger] 2497
Percentage of persons aged ≥20 years with hypertension by race/ethnicity—United States, 1999-2002, 2966
Role of vitamin E in the prevention of cardiovascular disease and cancer (letter) [Punnam] (reply) [Lee] 2432
Hypertension, Pulmonary
Arginine metabolism, pulmonary hypertension, and sickle cell disease (letters) [Waugh, Kielstein] 2432, 2433 (reply) [Morris] 2433
Dysregulated arginine metabolism, hemolysis-associated pulmonary hypertension and moratlity in sickle cell disease [Morris] 81
Hyperthyroidism
Thyroid function and mortality in patients treated for hyperthyroidism [Franklyn] 71
Hypochondriasis
New mind/body tactics target medically unexplained physical symptoms and fears [Lamberg] 2152
Hypophosphatemia
Tumor-induced osteomalacia [Jan de Beur] 1260
Hypothyroidism
Hormone changes in aging adults probed [Trubo] 663
Thyroid function and mortality in patients treated for hyperthyroidism [Franklyn] 71
Hypoxemia see Anoxemia
Hysterectomy
38-year-old woman with fetal loss and hysterectomy [Sachs] 833

I

Ibuprofen
Researchers discover a range of factors undermine sperm quality, male fertility [Hampton] 2829
Immunization
Adverse events associated with smallpox vaccination in the United States, January-October 2003 [Casey] 2734
Childhood vaccination and nontargeted infectious disease hospitalization [Hviid] 699
Could a novel vaccine help smokers quit? [Kuehn] 891
Effect of hepatitis A vaccination programs [Van Damme] 246
Immunization with β-amyloid$_{(1-42)}$ protein for Alzheimer disease: genomics predicts the response [Rosenberg] 2352
Immunological memory: the role of B cells in long-term protection against invasive bacterial pathogens [Kelly] 3019
Impact of varicella vaccination on health care utilization [Zhou] 797
Incidence of hepatitis A in Israel following universal immunization of toddlers [Dagan] 202
Incidence of hepatitis A in the United States in the era of vaccination [Wasley] 194
Influenza action plan, the world in medicine [Stephenson] 2961
Legal concerns and the influenza vaccine shortage [Mello] 1817
Malaria vaccine clue, health agencies update [Hampton] 418
National, state, and urban area vaccination coverage among children aged 19-35 months—United States, 2004, from CDC, 1485
Neurologic adverse events associated with smallpox vaccination in the United States, 2002-2004 [Sejvar] 2744; correction, 3092
Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569
TB vaccine boost, the world in medicine [Stephenson] 1331
Tiered use of inactivated influenza vaccine in the event of a vaccine shortage, from CDC, 1204
Vaccine safety—achieving the proper balance [Neuzil] 2763
Vaccines against Ebola and Marburg viruses show promise in primate studies [Hampton] 163
Varicella vaccine, cost-effectiveness analyses, and vaccination policy [Davis] 845
Immunization Programs
Edible rice vaccine, the world in medicine [Stephenson] 2961
Immunocompromised Host
Lymphocytic choriomeningitis virus infection in organ transplant recipients—Massachusetts, Rhode Island, 2005, from CDC, 173
Manifestations of chronic disease during pregnancy [Kaaja] 2751
Poliovirus infections in four unvaccinated children—Minnesota, August-October 2005, from CDC, 2689
Immunosuppressive Agents
Medical treatment of juvenile idiopathic arthritis [Hashkes] 1671
Skin cancer's ranks rise: immunosuppression to blame [Hampton] 1476
Implantable Defibrillators see Defibrillators, Implantable
Impotence
Erectile dysfunction and subsequent cardiovascular disease [Thompson] 2996
No fed money for ED drugs, capitol health call [Mitka] 171
Incentive Reimbursement see Reimbursement, Incentive
Infant
FDA approval of VAQTA (hepatitis A vaccine, inactivated) for children aged ≥1 year, from CDC, 2296
Helminth infection during pregnancy and development of infantile eczema (research letter) [Elliott] 2032
Policy targets lowering SIDS incidence [Mitka] 2420
Screening healthy infants for iron deficiency using reticulocyte hemoglobin content [Ullrich] 924
Infant Mortality
Racial/ethnic disparities in infant mortality—United States, 1995-2002, from CDC, 298
Infant, Premature
Premature infants, *JAMA* Patient Page [Torpy] 390
Prospects for the future of child health through research [Feigin] 1373
Infant, Very Low Birth Weight
Chronic conditions, functional limitations, and special health care needs of school-aged children born with extremely low-birth-weight in the 1990s [Hack] 318
Long-term outcomes for extremely low-birth-weight infants (letter) [Reiss] 2168 (reply) [Hack] 2169
Outcomes for extremely low-birth-weight infants: disappointing news [Tyson] 371
Infectious Diseases see Communicable Diseases
Infertility
Anonymity of gamete donations debated [Hampton] 2681
Researchers discover a range of factors undermine sperm quality, male fertility [Hampton] 2829
Influenza
Neurological and neuromuscular disease as a risk factor for respiratory failure in children hospitalized with influenza infection [Keren] 2188
Influenza A virus
Equine influenza jumps to canines [Hampton] 2015
Influenza, Avian
Avian flu spread, the world in medicine [Stephenson] 1331
Bird flu plan, the world in medicine [Stephenson] 787
Drug-resistant avian flu, the world in medicine [Stephenson] 2423
Funding flu protection, capitol health call [Mitka] 2833
Influenza action plan, the world in medicine [Stephenson] 2961
1918 killer flu virus reconstructed, may help prevent future outbreaks [Mitka] 2416
Pandemic preparedness, capitol health call [Mitka] 2292
Influenza Vaccines
Adverse events reported following live, cold-adapted, intranasal influenza vaccine [Izurieta] 2720; correction, 3092
Legal concerns and the influenza vaccine shortage [Mello] 1817
Pneumonia in older adults: reversing the trend [File] 2760
Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569
Tiered use of inactivated influenza vaccine in the event of a vaccine shortage, from CDC, 1204
Vaccine safety—achieving the proper balance [Neuzil] 2763
Influenza Virus, Equine see Influenza A virus
Information Systems
Computers and clinical work (letters) [Harrison, Mitchell] 181 (reply) [Wears] 182
Efficiency in the health care industries: a view from the outside [Grove] 490
Health IT gets a boost, capitol health call [Kuehn] 1201
Informed Consent
Consensus and controversy in clinical research ethics [Brody] 1411
Direct-to-consumer advertising and physician prescribing (letter) [Miller] (reply) [Kravitz] 678
Experts ponder pediatric research ethics [Hampton] 2148
HIV testing without consent in critically ill patients [Halpern] 734
Importance of innovative efforts to increase organ donation [Matas] 1691
Patient preference and validity of randomized controlled trials (letters) [Cho, Torgerson] 41 (reply) [King] 42
Inhalation Drug Administration see Administration, Inhalation
Insomnia see Sleep Initiation and Maintenance Disorders
Institute of Medicine (US)
Long road to patient safety: a status report on patient safety systems [Longo] 2858
Quality improvement organizations and the Institute of Medicine (letter) [Shortell] (reply) [Snyder] 680
Institutional Review Boards see Ethics Committees, Research
Insulin
Interest in inhaled insulin grows [Trubo] 1195
Insulin Resistance
Insulin, glucose, insulin resistance, and pancreatic cancer in male smokers [Stolzenberg-Solomon] 2872
Insulin resistance and congestive heart failure (letter) [Stefan] (reply) [Ingelsson] 2578
Insulin resistance and risk of congestive heart failure [Ingelsson] 334

Manifestations of chronic disease during pregnancy [Kaaja] 2751
Nonalcoholic fatty liver and insulin resistance among petrochemical workers (research letter) [Cotrim] 1618
Researchers investigate factors linked to development of secondary diabetes [Trubo] 668
Insurance, Health
Insurance status and access to urgent ambulatory care follow-up appointments [Asplin] 1248
Single-payer health systems and statistics (letter) [Starfield] 43 (reply) [Orient] 44
Insurance, Health, Reimbursement
Boosting Medicare pay, capitol health call [Mitka] 171
Insurance, Pharmaceutical Services
Drug prices and value for money: the Australian Pharmaceutical Benefits Scheme [Henry] 2630
Intellectual Property
Patents-based pharmaceutical development process: rationale, problems, and potential reforms [Barton] 2075
Technology licensing: lessons from the US experience [Sobolski] 3137
Intensive Care
Acute renal failure in critically ill patients: a multinational, multicenter study [Uchino] 813
HIV testing without consent in critically ill patients [Halpern] 734
Impact of the pulmonary artery catheter in critically ill patients: meta-analysis of randomized clinical trials [Shah] 1664
Prognosis and decision making in severe stroke [Holloway] 725
Searching for evidence to support pulmonary artery catheter use in critically ill patients [Hall] 1694
International Medical Corps
Volunteering overseas gives physicians a measure of adventure and altruism [Mitka] 671
Internet
Comparison of the instructional efficacy of Internet-based CME with live interactive CME workshops: a randomized controlled trial [Fordis] 1043
Easy-to-use drug reports help patients and physicians weigh costs, benefits [Voelker] 165
Efficiency in the health care industries: a view from the outside [Grove] 490
Electronic drug labels, health agencies update [Hampton] 3075
Family health history, health agencies update [Hampton] 3075
Internet seen as clinical research tool [Mitka] 2290
Provision or distribution of growth hormone for "anti-aging" clinical and legal issues [Perls] 2086
Schizophrenia forum, health agencies update [Hampton] 3075
Internship and Residency
Effects of work hour reduction on residents' lives: a systematic review [Fletcher] 1088
Graduate medical education, 1129
Medical education 2005: from allegory to Bull Moose [Golub] 1108
Neurobehavioral performance of residents after heavy night call vs after alcohol ingestion [Arnedt] 1025
Reforming graduate medical education [Ludmerer] 1083
Resident physicians' preparedness to provide cross-cultural care [Weissman] 1058
Work hours and reducing fatigue-related risk: good research vs good policy [Dawson] 1104
Intraoperative Care
Increasing inspired oxygen to decrease surgical site infection: time to shift the quality improvement research paradigm [Dellinger] 2091
Supplemental perioperative oxygen and the risk of surgical wound infection: a randomized controlled trial [Belda] 2035; correction, 2973
Iodine Radioisotopes
Thyroid function and mortality in patients treated for hyperthyroidism [Franklyn] 71
Iron, Dietary
Screening healthy infants for iron deficiency using reticulocyte hemoglobin content [Ullrich] 924
Iron Deficiency Anemia see Anemia, Iron Deficiency
Islam
Fasting and medical issues during Ramadan (letter) [Crosby] 1618
Islets of Langerhans Transplantation
Single-donor islet transplantation for diabetes (letter) [Smith] (reply) [Hering] 1488
Isoflavones
Dietary phytoestrogens and lung cancer risk [Schabath] 1493; correction, 2700
Isothiocyanates
Of cabbages and cancer, the world in medicine [Stephenson] 2961
Isotretinoin
Isotretinoin risks, health agencies update [Hampton] 1481

J

***JAMA* 100 YEARS AGO (Reiling J, ed)**
Action of copper and its salts on organisms 380
Asepsis before battle 632
Cancer communicability 2920
Concerning snapshot diagnosis 112
Correspondence: the burning of the books 3084
Coughs and colds 2780
County society and the organization movement 1286
Dirty restaurant kitchen 1705
Do we coddle the heart? 380
Drugs and diet and mind and stomach 3037
Education of the public 855
Epidemiophobia 855
Evolution of infection 855
Family tremor 1837
Fate of pathogenic bacteria in buried cadavers 502
Federal protection of the public health 2514
Football and its dangers 2645
Found drowned on land 2246
Harvey Society 1705
London letter 1310
Medical defense and malpractice insurance 502
Medical pessimism 1974
Medical Society of the State of Pennsylvania 1310
Minor comments: hygienic methods of eating 3084
Money and microbes 1974
Need of an anatomic law in Texas 2246
Nervous strain 751
Newspapers that deceive 2105
Physical condition of school children 1562
Prescription graft 2246
President Roosevelt on the rewards of scholarship 1022
Public interest in research 1310
Publicity of health records 1974
Rights of purchasers 2105
Sleep-drunkenness 974
Society conversazione 1705
Spontaneous generation 260
Stream infection by campers 260
Tea drinking 2920
Therapeutic decadence in Britain 2371
Therapeutic value of silence 112
To examine a board as to its sanity 260
Training nurses by mail 502
Treason against the government 2105
Vaccination during eruptive stage of smallpox 974
Women students and the study of anatomy 2246
***JAMA* PATIENT PAGE (Glass RM, ed)**
Adrenal insufficiency [Brender] 2528
Bariatric surgery [Torpy] 1986
Chickenpox [Parmet] 866
Fitness [Torpy] 3048
Frozen section biopsy [Brender] 3200
Head injury [Torpy] 1580
Hepatitis A virus [Ringold] 270
Hyperthyroidism [Torpy] 146
Juvenile idiopathic arthritis [Ringold] 1722; correction, 2580
Kidney transpantation [Torpy] 2800
Lung cancer [Parmet] 990
Medical research [Brender] 1454
Palliative sedation [Brender] 1850
Pancreatic cancer [Brender] 2934
Premature infants [Torpy] 390
Radiation therapy [Torpy] 1296
Randomized controlled trials [Torpy] 2262
Refugee mental health [Ringold] 646
Spleen [Brender] 2660
Standardized patients [Brender] 1172
Thrombophlebitis [Torpy] 762
Viral encephalitis [Ringold] 514
Vitamin D [Brender] 2386
Wound infections [Torpy] 2122
Japan
Single-payer health systems and statistics (letter) [Starfield] 43 (reply) [Orient] 44
Jeffreys, Alec
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327
Jervell-Lange Nielsen Syndrome
Genetic testing in the long QT syndrome: development and validation of an efficient approach to genotyping in clinical practice [Napolitano] 2975
Jews
Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry [Nanda] 1925
JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION
Conflicts of interest and independent data analysis in industry-funded studies (letters) [Loew, Molenberghs] 2575 (reply) [Fontanarosa] 2576
Reporting conflicts of interest, financial aspects of research, and role of sponsors in funded studies [Fontanarosa] 110
JOURNAL REVIEWS (Meyer HS, ed)
Meryn S, ed: *The Journal of Men's Health and Gender* [Henderson] 970
Jun Genes see Genes, jun
Jurisprudence
Criminal records of homicide offenders [Cook] 598
Improving relations between attorneys and physicians [Jacobson] 2083
Legal concerns and the influenza vaccine shortage [Mello] 1817
Medical and legal issues impacting the cardiovascular evaluation of competitive athletes [Paterick] 3011
Medical groups sue EPA over mercury rule [Kuehn] 415
Medical marijuana, American federalism, and the Supreme Court [Gostin] 842
Provision or distribution of growth hormone for "anti-aging" clinical and legal issues [Perls] 2086
Psychiatric and cognitive effects of war in former Yugoslavia: association of lack of redress for trauma and post-traumatic stress reactions [Başoğlu] 580
Regulation of medical marijuana (letter) [Das] (reply) [Gostin] 3091
Supreme Court's influence on medicine and health: the Rehnquist court, 1986-2005 [Gostin] 1685
Technology licensing: lessons from the US experience [Sobolski] 3137
Who will deliver our grandchildren? implications of cerebral palsy litigation [MacLennan] 1689
Juvenile Idiopathic Arthritis see Arthritis, Juvenile Rheumatoid

K

Kantor, Morris (1896-1974)
JAMA cover of December 7, *Haunted House* by Morris Kantor [Southgate] 2671
Katrina, Hurricane see Natural Disasters
Kava
Internet seen as clinical research tool [Mitka] 2290
Kenya
Assessment of severe malnutrition in rural Kenyan children: comparison of weight for height and mid upper arm circumference [Berkley] 591
Severe malnutrition assessment in children in rural Kenya (letter) [Hogness] (reply) 2577
Kidney Failure
Acute renal failure in critically ill patients: a multinational, multicenter study [Uchino] 813
Chronic kidney disease and cardiovascular risk (letter) [O'Rourke] (reply) [Shlipak] 791
43-year-old woman with end-stage renal disease, 2 years 6 months later [Ship] 841
Incidence of end-stage renal disease among persons with diabetes—United States, 1990-2002, from CDC, 2962
Incidence of end-stage renal disease in patients with type 1 diabetes [Finne] 1782
Kidney failure rates end 20-year climb [Mitka] 2563
Perioperative *N*-acetylcysteine to prevent renal dysfunction in high-risk patients undergoing CABG surgery: a randomized controlled trial [Burns] 342
Kidney Transplantation
Acute renal failure in critically ill patients: a multinational, multicenter study [Uchino] 813
Clinical results from transplanting incompatible live kidney donor/recipient pairs using kidney paired donation [Montgomery] 1655
Deceased-donor characteristics and the survival benefit of kidney transplantation [Merion] 2726
43-year-old woman with end-stage renal disease, 2 years 6 months later [Ship] 841
Importance of innovative efforts to increase organ donation [Matas] 1691
Kidney transpantation, *JAMA* Patient Page [Torpy] 2800
Kwashiorkor
Severe malnutrition assessment in children in rural Kenya (letter) [Hogness] (reply) 2577

L

Laboratory Techniques and Procedures
100-year anniversary of the description of the frozen section procedure [Gal] 3135
Lactation
Duration of lactation and incidence of type 2 diabetes [Stuebe] 2601
Langer, Robert
Robert Langer, ScD—engineering medicine [Friedrich] 1609
Laryngopharyngeal Reflux
Evaluation and management of laryngopharyngeal reflux [Ford] 1534
Lasker Awards see Albert Lasker Medical Research Awards
Lasker, Mary (1901-1994)
Mary Lasker and her prizes: an appreciation [Bishop] 1418
Legionnaires Disease
Cruise-ship–associated Legionnaires disease, November 2003–May 2004,from CDC, 3080
Legislation
Accelerated approval abuse, capitol health call [Mitka] 171

AIDS funding boost, capitol health call [Mitka] 2833
Antianxiety inclusion, capitol health call [Kuehn] 673
Boosting Medicare pay, capitol health call [Mitka] 171
Coercive US interrogation policies: a challenge to medical ethics [Rubenstein] 1544
Comparison of drug regimen costs between the Medicare prescription discount program and other purchasing systems (research letter) [Hayes] 427
Contentious vote deferred, capitol health call [Mitka] 2833
Cosmetic lenses scrutinized, capitol health call [Mitka] 1752
Fetal pain: a systematic multidisciplinary review of the evidence [Lee] 947
Health IT gets a boost, capitol health call [Kuehn] 1201
Limit lifted, capitol health call [Mitka] 1752
Medicaid cuts on hold? capitol health call [Mitka] 1752
Medical marijuana, American federalism, and the Supreme Court [Gostin] 842
Mercury rule challenged, capitol health call [Kuehn] 1201
No fed money for ED drugs, capitol health call [Mitka] 171
Pandemic preparedness, capitol health call [Mitka] 2292
Protecting the mentally ill, the world in medicine [Stephenson] 297
Provision or distribution of growth hormone for "anti-aging" clinical and legal issues [Perls] 2086
Regulation of medical marijuana (letter) [Das] (reply) [Gostin] 3091
Reservist health care, capitol health call [Mitka] 171
Saying sorry, capitol health call [Mitka] 2292
State smoking restrictions for private-sector worksites, restaurants, and bars—United States, 1998 and 2004, from CDC, 1202
Technology licensing: lessons from the US experience [Sobolski] 3137
Tracking medical errors, capitol health call [Kuehn] 1201
Trials on the record, capitol health call [Kuehn] 673
Veterans' budget gap, capitol health call [Kuehn] 673

Leishmaniasis
Decoding parasite genomes, the world in medicine [Stephenson] 787

Leptin
Early obesity trigger? the world in medicine [Stephenson] 297

Leukemia
Stem cell research: paths to cancer therapies and regenerative medicine [Weissman] 1359

Levamisole
Adjuvant chemotherapy for stage III colon cancer: implications of race/ethnicity, age, and differentiation [Jessup] 2703

Liability, Legal
Improving relations between attorneys and physicians [Jacobson] 2083
Legal concerns and the influenza vaccine shortage [Mello] 1817
Medical and legal issues impacting the cardiovascular evaluation of competitive athletes [Paterick] 3011
Saying sorry, capitol health call [Mitka] 2292
Who will deliver our grandchildren? implications of cerebral palsy litigation [MacLennan] 1689

Life Expectancy
Annual smoking-attributable mortality, years of potential life lost, and productivity losses—United States, 1997-2001, from CDC, 788
Single-payer health systems and statistics (letter) [Starfield] 43 (reply) [Orient] 44

Lifestyle
Experts: target heart disease from birth [Mitka] 2558
On the preservation of health [Barondess] 3024

Lipoproteins, HDL Cholesterol
Effects of protein, monounsaturated fat, and carbohydrate intake on blood pressure and serum lipids: results of the OmniHeart randomized trial [Appel] 2455
More novel effects of diet on blood pressure and lipids [Weinberger] 2497
Non–HDL cholesterol, apolipoproteins A-I and B_{100}, standard lipid measures, lipid ratios, and CRP as risk factors for cardiovascular disease in women [Ridker] 326
Risk factors for cardiovascular disease in women (letters) [Sniderman, Vos] 2843 (reply) [Ridker] 2844
Trends in serum lipids and lipoproteins of adults, 1960-2002 [Carroll] 1773

Lipoproteins, LDL Cholesterol
Effects of protein, monounsaturated fat, and carbohydrate intake on blood pressure and serum lipids: results of the OmniHeart randomized trial [Appel] 2455
High-dose atorvastatin vs usual-dose simvastatin for secondary prevention after myocardial infarction: the IDEAL Study: a randomized controlled trial [Pedersen] 2437; correction, 3092
IDEAL cholesterol: lower is better [Cannon] 2492; correction, 2973
Managing lipid levels in diabetes beneficial but requires clinical judgment [Trubo] 670
More novel effects of diet on blood pressure and lipids [Weinberger] 2497
Non–HDL cholesterol, apolipoproteins A-I and B_{100}, standard lipid measures, lipid ratios, and CRP as risk factors for cardiovascular disease in women [Ridker] 326
Risk factors for cardiovascular disease in women (letters) [Sniderman, Vos] 2843 (reply) [Ridker] 2844
Trends in serum lipids and lipoproteins of adults, 1960-2002 [Carroll] 1773

Litigation see Jurisprudence

Liver Diseases
Nonalcoholic fatty liver and insulin resistance among petrochemical workers (research letter) [Cotrim] 1618
Researchers investigate factors linked to development of secondary diabetes [Trubo] 668

Liver Failure
Hepatitis A virus, *JAMA* Patient Page [Ringold] 270

Liver Neoplasms
Somatic acquisition and signaling of *TGFBR1**6A in cancer [Pasche] 1634

Living Donors
Anonymity of gamete donations debated [Hampton] 2681
Clinical results from transplanting incompatible live kidney donor/recipient pairs using kidney paired donation [Montgomery] 1655
Importance of innovative efforts to increase organ donation [Matas] 1691

Long QT Syndrome
Efficient genotyping for congenital long QT syndrome [Kaufman] 3027
Genetic testing in the long QT syndrome: development and validation of an efficient approach to genotyping in clinical practice [Napolitano] 2975

Lorenzo's Oil see Glyceryl Trioleate-Glyceryl Trierucate

Louisiana
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Katrina's impact on mental health likely to last years [Voelker] 1599
Surveillance for illness and injury after Hurricane Katrina—New Orleans, Louisiana, September 8-25, from CDC, 2837

Lung Injury, Acute see Respiratory Distress Syndrome, Acute

Lung Neoplasms
Clinical trials point to complexities of chemoprevention for cancer [Hampton] 29
Dietary phytoestrogens and lung cancer risk [Schabath] 1493; correction, 2700
Effect of smoking reduction on lung cancer risk [Godtfredsen] 1505
Endoscopic ultrasound added to mediastinoscopy for preoperative staging of patients with lung cancer [Annema] 931
Low-dose aspirin in the primary prevention of cancer: the Women's Health Study: a randomized controlled trial [Cook] 47
Lung cancer, *JAMA* Patient Page [Parmet] 990
Of cabbages and cancer, the world in medicine [Stephenson] 2961
Reducing the risk of lung cancer [Dacey] 1550
Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56

Lupus Erythematosus, Systemic
Novel lupus therapies show promise [Kuehn] 2960

B-Lymphocytes
Immunological memory: the role of B cells in long-term protection against invasive bacterial pathogens [Kelly] 3019

Lymphocytic Choriomeningitis
Lymphocytic choriomeningitis virus infection in organ transplant recipients—Massachusetts, Rhode Island, 2005, from CDC, 173
Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613

Lymphoma, Non-Hodgkin
Hair dye use and non-Hodgkin lymphoma (letter) [Zahm] (reply) [Takkouche] 1205

Lynch Syndrome see Colorectal Neoplasms, Hereditary Nonpolyposis

M

Macrolides
Antibiotic prescribing for low respiratory tract infection (letter) [Jimbo] 3089 (reply) [Little] 3090

Macular Degeneration
Dietary intake of antioxidants and risk of age-related macular degeneration [van Leeuwen] 3101
Inflammation suspected in eye disorders [Kuehn] 31
Studies probe diet's role in eye disease [Kuehn] 32

Maculopathy, Age-Related see Macular Degeneration

Magnetic Resonance Imaging
Neuroscience becomes image conscious as brain scans raise ethical issues [Friedrich] 781
Pain studies illuminate the placebo effect [Kuehn] 1750
Safety improvements urged for MRI facilities [Mitka] 2145

Malaria
Confidentiality and "Jambo, Jahi" (letter) [Lyman] (reply) [Dunavan] 680
Curbing malaria with fungi, the world in medicine [Stephenson] 297
Identification of potential multitarget antimalarial drugs [Jenwitheesuk] 1490
Malaria vaccine clue, health agencies update [Hampton] 418

Malnutrition
Accumulating evidence for prenatal nutritional origins of mental disorders [Neugebauer] 621
Assessment of severe malnutrition in rural Kenyan children: comparison of weight for height and mid upper arm circumference [Berkley] 591
Rates of adult schizophrenia following prenatal exposure to the Chinese famine of 1959-1961 [St Clair] 557
Schizophrenia and the Chinese famine of 1959-1961 (letter) [Altschuler] (reply) [Neugebauer] 2968
Severe malnutrition assessment in children in rural Kenya (letter) [Hogness] (reply) 2577

Malpractice
Improving relations between attorneys and physicians [Jacobson] 2083
Who will deliver our grandchildren? implications of cerebral palsy litigation [MacLennan] 1689

Mammography
Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry [Nanda] 1925

Marburg-like Viruses
Vaccines against Ebola and Marburg viruses show promise in primate studies [Hampton] 163

Marfan Syndrome
Genes help unravel Marfan pathology, point way to potential new therapies [Kuehn] 1745

Marijuana see Cannabis

Marshall, Barry J. (1951-)
Nobels honor research on ulcer microbe, "green" drug production method [Kuehn] 2289

Maternal-Fetal Relations
Accumulating evidence for prenatal nutritional origins of mental disorders [Neugebauer] 621
Fetal pain: a systematic multidisciplinary review of the evidence [Lee] 947
Rates of adult schizophrenia following prenatal exposure to the Chinese famine of 1959-1961 [St Clair] 557
Schizophrenia and the Chinese famine of 1959-1961 (letter) [Altschuler] (reply) [Neugebauer] 2968

McCulloch, Ernest
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327

Measles
Import-associated measles outbreak—Indiana, May-June 2005, from CDC, 2691
Preventable measles among U.S. residents, 2001-2004, from CDC, 1755

Measles-Mumps-Rubella Vaccine
Childhood vaccination and nontargeted infectious disease hospitalization [Hviid] 699
Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569

Mediastinoscopy
Endoscopic ultrasound added to mediastinoscopy for preoperative staging of patients with lung cancer [Annema] 931

Medicaid
Insurance status and access to urgent ambulatory care follow-up appointments [Asplin] 1248
Medicaid cuts on hold? capitol health call [Mitka] 1752
No fed money for ED drugs, capitol health call [Mitka] 171

Medical Errors
Creating a safer health care system: finding the constraint [Pauker] 2906
Long road to patient safety: a status report on patient safety systems [Longo] 2858
Saying sorry, capitol health call [Mitka] 2292
To Err Is Human 5 years later (letters) [Halbach, Surbone] 1758 (reply) [Leape] 1759
Tracking medical errors, capitol health call [Kuehn] 1201

Medical History Taking
Family health history, health agencies update [Hampton] 3075
Use of stories in clinical research and health policy [Steiner] 2901

Medical Informatics
Efficiency in the health care industries: a view from the outside [Grove] 490
Health IT gets a boost, capitol health call [Kuehn] 1201

Medical Records Systems, Computerized
Computers and clinical work (letters) [Harrison, Mitchell] 181 (reply) [Wears] 182
Efficiency in the health care industries: a view from the outside [Grove] 490
Electronic records, health agencies update [Hampton] 2564
Health IT gets a boost, capitol health call [Kuehn] 1201

Medical Technology see Technology, Medical

Medically Uninsured
Insurance status and access to urgent ambulatory care follow-up appointments [Asplin] 1248

Medicare
Antianxiety inclusion, capitol health call [Kuehn] 673
Boosting Medicare pay, capitol health call [Mitka] 171
Comparison of drug regimen costs between the Medicare prescription discount program and other purchasing systems (research letter) [Hayes] 427
Early mortality among Medicare beneficiaries undergoing bariatric surgical procedures [Flum] 1903
Trends in house calls to Medicare beneficiaries (research letter) [Landers] 2435
Medication Errors
Computerized physician order entry systems and medication errors (letters) [Bierstock, Keillor, Hegedus, Levick, Safran] 178, 179 (reply) [Koppel] 180
Creating a safer health care system: finding the constraint [Pauker] 2906
Excess dosing of antiplatelet and antithrombin agents in the treatment of non–ST-segment elevation acute coronary syndromes [Alexander] 3108
Long road to patient safety: a status report on patient safety systems [Longo] 2858
Melanoma
Clinicopathological features of and risk factors for multiple primary melanomas [Ferrone] 1647
Skin cancer's ranks rise: immunosuppression to blame [Hampton] 1476
Men
Androgen deprivation therapy for prostate cancer [Sharifi] 238
Comparison of conventional-dose vs high-dose conformal radiation therapy in clinically localized adenocarcinoma of the prostate: a randomized controlled trial [Zietman] 1233
Erectile dysfunction and subsequent cardiovascular disease [Thompson] 2996
Gene fusion found in prostate cancer [Hampton] 2832
HIV prevalence, unrecognized infection, and HIV testing among men who have sex with men—five U.S. cities, June 2004–April 2005, from CDC, 674
Insulin, glucose, insulin resistance, and pancreatic cancer in male smokers [Stolzenberg-Solomon] 2872
Localized prostate cancer and DNA ploidy (letter) [Koss] (reply) [Albertsen] 1207
Mortality following prostate cancer recurrence after radical prostectomy (letter) [Trainer] (reply) [Freedland] 2969
No fed money for ED drugs, capitol health call [Mitka] 171
Operating characteristics of prostate-specific antigen and verification bias (letter) [Punglia] (reply) [Ankerst] 2698
Operating characteristics of prostate-specific antigen in men with an initial PSA level of 3.0 ng/mL or lower [Thompson] 66
Pretreatment PSA velocity and risk of death from prostate cancer following external beam radiation therapy [D'Amico] 440
PSA kinetics and risk of death from prostate cancer: in search of the holy grail of surrogate end points [Anscher] 493
Radiation dose escalation as treatment for clinically localized prostate cancer: is more really better? [DeWeese] 1274
Relevance of urine telomerase in the diagnosis of bladder cancer [Sanchini] 2052
Researchers discover a range of factors undermine sperm quality, male fertility [Hampton] 2829
Risk of prostate cancer–specific mortality following biochemical recurrence after radical prostatectomy [Freedland] 433
Shigella flexneri serotype 3 infections among men who have sex with men—Chicago, Illinois, 2003-2004, from CDC, 2427
Syphilis rates rise among men: trends for other STDs mixed [Kuehn] 3072
Meningococcal Vaccines
Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569
Meningoencephalitis
Immunization with β-amyloid$_{1-42}$ protein for Alzheimer disease: genomics predicts the response [Rosenberg] 2352
Mental Disorders
Accumulating evidence for prenatal nutritional origins of mental disorders [Neugebauer] 621
Mental Health
As tsunami recovery proceeds, experts ponder lessons for future disasters [Lamberg] 889
Experts address risk of physician suicide [Hampton] 1189
Katrina's impact on mental health likely to last years [Voelker] 1599
Mental health in the United States: health care and well being of children with chronic emotional, behavioral, or developmental problems— United States, 2001, from CDC, 2567
Mental health in the United States: prevalence of diagnosis and medication treatment for attention-deficit/hyperactivity disorder—United States, 2003, from CDC, 2293
Mental health of Cambodian refugees 2 decades after resettlement in the United States [Marshall] 571
Mental illness and violent death: major issues for public health [Cole] 623
Mental illness takes heavy toll on youth [Kuehn] 293
Predisplacement and postdisplacement factors associated with mental health of refugees and internally displaced persons: a meta-analysis [Porter] 602
Protecting the mentally ill, the world in medicine [Stephenson] 297
Psychiatry as a clinical neuroscience discipline [Insel] 2221
Role of public health in mental health promotion, from CDC, 2293
Screening for psychological illness in the military (letter) [Wright] 42 (reply) [Wessely] 43
Mercury Poisoning
Blood mercury levels and neurobehavior (letter) [Mutter] (reply) [Weil] 679
Medical groups sue EPA over mercury rule [Kuehn] 415
Mercury rule challenged, capitol health call [Kuehn] 1201
Meta-analysis
Duration of anticoagulation following venous thromboembolism: a meta-analysis [Ost] 706
Impact of the pulmonary artery catheter in critically ill patients: meta-analysis of randomized clinical trials [Shah] 1664
Noninvasive ventilation in acute cardiogenic pulmonary edema: systematic review and meta-analysis [Masip] 3124
Plasma fibrinogen level and the risk of major cardiovascular diseases and nonvascular mortality: an individual participant meta-analysis [Fibrinogen Studies Collaboration] 1799; correction, 2848
Predisplacement and postdisplacement factors associated with mental health of refugees and internally displaced persons: a meta-analysis [Porter] 602
Risk of death with atypical antipsychotic drug treatment for dementia: meta-analysis of randomized placebo-controlled trials [Schneider] 1934
Routine vs selective invasive strategies in acute coronary syndromes (letters) [Bavry, Carbajal] 2844, 2845 (reply) [Mehta] 2845
Sirolimus-eluting stents vs paclitaxel-eluting stents in patients with coronary artery disease: meta-analysis of randomized trials [Kastrati] 819
Metabolic Syndrome X
Does the metabolic syndrome really exist? diabetes and heart disease groups spar over issue [Mitka] 2010
Metabolism
Arginine metabolism, pulmonary hypertension, and sickle cell disease (letters) [Waugh, Kielstein] 2432, 2433 (reply) [Morris] 2433
Dysregulated arginine metabolism, hemolysis-associated pulmonary hypertension and moratlity in sickle cell disease [Morris] 81
Metastasis see Neoplasm Metastasis
Methadone
Methadone treatment marks 40 years [Kuehn] 887
Methamphetamine
Meth lab fires put heat on burn centers [Mitka] 2009
Methicillin Resistance
Staph genes studied, health agencies update [Hampton] 2016
Methotrexate
Early rheumatoid arthritis treatments weighed [Mitka] 3073
Medical treatment of juvenile idiopathic arthritis [Hashkes] 1671
Methylmercury Compounds
Blood mercury levels and neurobehavior (letter) [Mutter] (reply) [Weil] 679
Mice
Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613
Microchips
Efficiency in the health care industries: a view from the outside [Grove] 490
Mifepristone
Clostridium sordellii toxic shock syndrome after medical abortion with mifepristone and intravaginal misoprostol—United States and Canada, 2001-2005, from CDC, 1894
Military Medicine
Reservist health care, capitol health call [Mitka] 171
Screening for psychological illness in the military (letter) [Wright] 42 (reply) [Wessely] 43
Mind-Body Relations (Physiology) see Psychophysiology
Misoprostol
Clostridium sordellii toxic shock syndrome after medical abortion with mifepristone and intravaginal misoprostol—United States and Canada, 2001-2005, from CDC, 1894
Mississippi
Human exposure to mosquito-control pesticides—Mississippi, North Carolina, and Virginia, 2002 and 2003, from CDC, 419
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Katrina's impact on mental health likely to last years [Voelker] 1599
Mitochondrial DNA see DNA, Mitochondrial
Mitral Valve Insufficiency
Left atrial radiofrequency ablation during mitral valve surgery for continuous atrial fibrillation: a randomized controlled trial [Doukas] 2323
Molecular Diagnostic Techniques
History and molecular genetics of Lynch syndrome in family G [Douglas] 2195
Monet, Claude (1840-1926)
JAMA cover of August 17, *La Manne-Porte, Etretat* by Claude Monet [Southgate] 775
Mood Disorders
Mental illness takes heavy toll on youth [Kuehn] 293
Risks and benefits key to psychotropic use during pregnancy and postpartum period [Lamberg] 1604
Suicide prevention strategies: a systematic review [Mann] 2064
Mortality
Annual smoking-attributable mortality, years of potential life lost, and productivity losses—United States, 1997-2001, from CDC, 788
Disparities in deaths from stroke among persons aged <75 years—United States, 2002, from CDC, 299
Dysregulated arginine metabolism, hemolysis-associated pulmonary hypertension and mortality in sickle cell disease [Morris] 81
Early mortality among Medicare beneficiaries undergoing bariatric surgical procedures [Flum] 1903
Effect of muraglitazar on death and major adverse cardiovascular events in patients with type 2 diabetes mellitus [Nissen] 2581
Mortality following prostate cancer recurrence after radical prostectomy (letter) [Trainer] (reply) [Freedland] 2969
Number of injury deaths, by mechanism and intent—United States, 2002, 550
Plasma fibrinogen level and the risk of major cardiovascular diseases and nonvascular mortality: an individual participant meta-analysis [Fibrinogen Studies Collaboration] 1799; correction, 2848
Pneumonia in older adults: reversing the trend [File] 2760
Pretreatment PSA velocity and risk of death from prostate cancer following external beam radiation therapy [D'Amico] 440
PSA kinetics and risk of death from prostate cancer: in search of the holy grail of surrogate end points [Anscher] 493
Relationship between time of day, day of week, timeliness of reperfusion, and in-hospital mortality for patients with acute ST-segment elevation myocardial infarction [Magid] 803
Risk of prostate cancer–specific mortality following biochemical recurrence after radical prostatectomy [Freedland] 433
Risk-treatment mismatch for heart failure (letter) [Suissa] (reply) [Lee] 3087
Risk-treatment mismatch in the pharmacotherapy of heart failure [Lee] 1240
Surfactant and pediatric acute lung injury (letter) [Hunt] 898 (reply) [Willson] 899
Thyroid function and mortality in patients treated for hyperthyroidism [Franklyn] 71
Trends in hospitalizations for pneumonia among persons aged 65 years or older in the United States, 1988-2002 [Fry] 2712
Trends in the leading causes of death in the United States, 1970-2002 [Jemal] 1255
Underweight, overweight, obesity, and excess deaths (letters) [Strickler, Willett, Ding, Greenberg] 551, 552 (reply) [Flegal] 552
Mosquito Control
Human exposure to mosquito-control pesticides—Mississippi, North Carolina, and Virginia, 2002 and 2003, from CDC, 419
Mosquitoes see *Culicidae*
Mother-Child Relations
Possible child-to-mother transmission of HIV by breastfeeding [Visco-Comandini] 2301
Motor Vehicle Injury see Automobile Collisions
Mountaineering
Climbing a triassic Mount Everest: into thinner air (research letter) [Huey] 1761
Multiple Sclerosis
Birth order and MS, the world in medicine [Stephenson] 1331
Munch, Edvard (1863-1944)
JAMA cover of October 12, *Self-portrait after the Spanish Influenza* by Edvard Munch [Southgate] 1733
Muraglitazar
Effect of muraglitazar on death and major adverse cardiovascular events in patients with type 2 diabetes mellitus [Nissen] 2581
Selling safety—lessons from muraglitazar [Brophy] 2633

Muscle, Skeletal
Human skeletal muscle as a target organ of trichloroethylene toxicity (research letter) [Vattemi] 554
Muslims see Islam
Mutation
BRCA mutations and ductal carcinoma in situ (letter) [Foulkes] 553 (reply) [Claus] 554; correction, 1491
Genes help unravel Marfan pathology, point way to potential new therapies [Kuehn] 1745
Genetic flaws found in aging stem cell lines [Kuehn] 1883
Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry [Nanda] 1925
Genetic testing in the long QT syndrome: development and validation of an efficient approach to genotyping in clinical practice [Napolitano] 2975
Molecular classification of patients with unexplained hamartomatous and hyperplastic polyposis [Sweet] 2465
Predictors and prevalence of paraganglioma syndrome associated with mutations of the *SDHC* gene [Schiavi] 2057
Racial differences in *BRCA* testing (letter) [Alford] (reply) [Armstrong] 677
Study reveals mitochondrial role in aging [Hampton] 672
Unwinding the heterogeneous nature of hamartomatous polyposis syndromes [Carethers] 2498
Mycobacterium bovis
Surveillance and coordination key to reducing foodborne illness [Kuehn] 2683
TB vaccine boost, the world in medicine [Stephenson] 1331
Myelitis
Neurologic adverse events associated with smallpox vaccination in the United States, 2002-2004 [Sejvar] 2744; correction, 3092
Myocardial Infarction
Abciximab in the treatment of ST-segment elevation myocardial infarction (letter) [Tan] 1760 (reply) [De Luca] 1761
Acute coronary syndromes and regionalization of care (letter) [Haynes] (reply) [Rathore] 304
Administrative data feedback for effective cardiac treatment: AFFECT, a cluster randomized trial [Beck] 309
β_2-Adrenergic receptor genotype and survival among patients receiving β-blocker therapy after an acute coronary syndrome [Lanfear] 1526
Circadian rhythms and reperfusion in patients with acute ST-segment elevation myocardial infarction (letter) [Manfredini] 2846 (reply) [Magid] 2847
Clopidogrel for percutaneous coronary revascularization: time for more pretreatment, retreatment, or both? [Moliterno] 1271
Effect of clopidogrel pretreatment before percutaneous coronary intervention in patients with ST-elevation myocardial infarction treated with fibrinolytics: the PCI-CLARITY Study [Sabatine] 1224
Effect of muraglitazar on death and major adverse cardiovascular events in patients with type 2 diabetes mellitus [Nissen] 2581
Excess dosing of antiplatelet and antithrombin agents in the treatment of non–ST-segment elevation acute coronary syndromes [Alexander] 3108
Experts promote adoption of chest pain guidelines by emergency departments [Mitka] 164
High-dose atorvastatin vs usual-dose simvastatin for secondary prevention after myocardial infarction: the IDEAL Study: a randomized controlled trial [Pedersen] 2437
High-risk patients with acute coronary syndromes treated with low-molecular-weight or unfractionated heparin: outcomes at 6 months and 1 year in the SYNERGY trial [Mahaffey] 2594
IDEAL cholesterol: lower is better [Cannon] 2492; correction, 2973
Impact of candesartan on nonfatal myocardial infarction and cardiovascular death in patients with heart failure [Demers] 1794
Impact of earthquake on Takotsubo cardiomyopathy (research letter) [Watanabe] 305
Mechanical reperfusion more than 12 hours after acute myocardial infarction (letters) [Rubin, Kanna, Schömig] 2030, 2031
Obesity's role in heart disease requires apples and pears comparison [Mitka] 3071
Optimizing the science of quality improvement [Peterson] 369
Prognostic value of serial B-type natriuretic peptide testing during follow-up of patients with unstable coronary artery disease [Morrow] 2866
Relationship between time of day, day of week, timeliness of reperfusion, and in-hospital mortality for patients with acute ST-segment elevation myocardial infarction [Magid] 803
Routine vs selective invasive strategies in acute coronary syndromes (letters) [Bavry, Carbajal] 2844, 2845 (reply) [Mehta] 2845
Selling safety—lessons from muraglitazar [Brophy] 2633
Tirofiban plus sirolimus-eluting stent vs abciximab plus bare-metal stent (letters) [Osman, De Luca] 1616, 1617 (reply) [Valgimigli] 1617
Trends in management and outcomes of patients with acute myocardial infarction complicated by cardiogenic shock [Babaev] 448
Value and limitations of chest pain history in the evaluation of patients with suspected acute coronary syndromes [Swap] 2623
Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56

N

Naltrexone
Anesthesia-assisted vs buprenorphine- or clonidine-assisted heroin detoxification and naltrexone induction: a randomized trial [Collins] 903
Methadone treatment marks 40 years [Kuehn] 887
Methods of detoxification and their role in treating patients with opioid dependence [O'Connor] 961
Naltrexone treatment for alcohol dependency (letter) [Ameisen] 899 (reply) [Garbutt] 900
Nanotechnology
Nanotechnology safety, health agencies update [Hampton] 2564
Researchers size up nanotechnology risks [Hampton] 1881
National Health Service, British see British National Health Service
National Institute for Health and Clinical Excellence
Drug prices and value for money: the Australian Pharmaceutical Benefits Scheme [Henry] 2630
Quality, innovation, and value for money: NICE and the British National Health Service [Pearson] 2618
National Institutes of General Medical Sciences
Jeremy Berg, PhD: heading up a "catch-all" research institute [Hampton] 2685
National Institutes of Health (US)
Federal funding and supportive policies for research [Porter] 1385
Financial anatomy of biomedical research [Moses] 1333
Fostering innovation and discovery in biomedical research [Cech] 1390
Grant probe urged, capitol health call [Mitka] 2292
Jeremy Berg, PhD: heading up a "catch-all" research institute [Hampton] 2685
NIH eases ethics rules on employees: consulting ban to remain [Hampton] 1749
Physician-scientist career pipeline in 2005: build it, and they will come [Ley] 1343
Research on women's health: progress and opportunities [Pinn] 1407
US biomedical research: basic, translational, and clinical sciences [Zerhouni] 1352
Natriuretic Peptide, Brain
Biomarkers for mortality and cardiovascular events (letter) [Koenig] (reply) [Kistorp] 303
Natriuretic Peptide, B-Type
Prognostic value of serial B-type natriuretic peptide testing during follow-up of patients with unstable coronary artery disease [Morrow] 2866
Natural Disasters
As tsunami recovery proceeds, experts ponder lessons for future disasters [Lamberg] 889
Carbon monoxide poisoning from hurricane-associated use of portable generators—Florida, 2004, from CDC, 1482
Earthquakes and Takotsubo cardiomyopathy (letter) [Gnecchi-Ruscone] (reply) [Watanabe] 2169
Epidemiologic assessment of the impact of four hurricanes—Florida, 2004, from CDC, 1484
Hurricane Katrina response and guidance for health-care providers, relief workers, and shelter operators, from CDC, 2026
Impact of earthquake on Takotsubo cardiomyopathy (research letter) [Watanabe] 305
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Katrina's impact on mental health likely to last years [Voelker] 1599
Norovirus outbreak among evacuees from Hurricane Katrina—Houston, Texas, September 2005, from CDC, 2834
Surveillance for illness and injury after Hurricane Katrina—New Orleans, Louisiana, September 8-25, from CDC, 2837
Nebulizers and Vaporizers
Update: *Ralstonia* species associated with Vapotherm oxygen delivery devices—United States, 2005, from CDC, 3082
Needle-Exchange Programs
Update: syringe exchange programs—United States, 2002, from CDC, 1892
Neisseria meningitidis
Immunological memory: the role of B cells in long-term protection against invasive bacterial pathogens [Kelly] 3019
Neoplasm Metastasis
Somatic acquisition and signaling of *TGFBR1**6A in cancer [Pasche] 1634
Neoplasm Recurrence, Local
Mortality following prostate cancer recurrence after radical prostectomy (letter) [Trainer] (reply) [Freedland] 2969
Risk of prostate cancer–specific mortality following biochemical recurrence after radical prostatectomy [Freedland] 433
Neoplasm Staging
Endoscopic ultrasound added to mediastinoscopy for preoperative staging of patients with lung cancer [Annema] 931
Progress in the adjuvant treatment of colon cancer: has it influenced clinical practice? [Van Cutsem] 2758
Neoplasms
Alcohol and cancer, health care agencies [Hampton] 1481
Cancer survivors need better care: new report makes recommendations [Hampton] 2959
Cancer treatment's trade-off: years of added life can have long-term costs [Hampton] 167
Clinical trials point to complexities of chemoprevention for cancer [Hampton] 29
Low-dose aspirin and vitamin E: challenges and opportunities in cancer prevention [Jacobs] 105
Low-dose aspirin in the primary prevention of cancer: the Women's Health Study: a randomized controlled trial [Cook] 47
MicroRNAs move into cancer research [Hampton] 411
Stem cell research: paths to cancer therapies and regenerative medicine [Weissman] 1359
Trends in the leading causes of death in the United States, 1970-2002 [Jemal] 1255
Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56
Nesiritide
Risk of death with nesiritide (letters) [Burger, Gortney] 897 (reply) [Sackner-Bernstein] 898
Netherlands
Accumulating evidence for prenatal nutritional origins of mental disorders [Neugebauer] 621
Neurologic Manifestations
Neurologic adverse events associated with smallpox vaccination in the United States, 2002-2004 [Sejvar] 2744; correction, 3092
Neurology
Neuroscience becomes image conscious as brain scans raise ethical issues [Friedrich] 781
Neuromuscular Diseases
Neurological and neuromuscular disease as a risk factor for respiratory failure in children hospitalized with influenza infection [Keren] 2188
Neurosciences
Psychiatry as a clinical neuroscience discipline [Insel] 2221
Neurotoxins
Blood mercury levels and neurobehavior (letter) [Mutter] (reply) [Weil] 679
Nevus
Clinicopathological features of and risk factors for multiple primary melanomas [Ferrone] 1647
NEW MEDIA REVIEWS (Meyer HS, ed)
Bodies [Chongsiriwatana] 2770
HighWire Press [Vanhecke] 2366
Longinotto K: *The Day I Will Never Forget* [Ehiri] 627
New Orleans
Katrina's impact on mental health likely to last years [Voelker] 1599
Surveillance for illness and injury after Hurricane Katrina—New Orleans, Louisiana, September 8-25, from CDC, 2837
New Orleans Criteria
Clinical decision instruments for CT scanning in minor head injury [Haydel] 1551
Comparison of the Canadian CT head rule and the New Orleans criteria in patients with minor head injury [Stiell] 1511
External validation of the Canadian CT head rule and the New Orleans criteria for CT scanning in patients with minor head injury [Smits] 1519
NICE see National Institute for Health and Clinical Excellence
Nicotine Dependence see Tobacco Use Disorder
NIGMS see National Institute of General Medical Sciences
Nitroglycerin
Risk of death with nesiritide (letters) [Burger, Gortney] 897 (reply) [Sackner-Bernstein] 898
Nobel Prize
Nobels honor research on ulcer microbe, "green" drug production method [Kuehn] 2289
Norovirus
Norovirus outbreak among evacuees from Hurricane Katrina—Houston, Texas, September 2005, from CDC, 2834
North Carolina
Human exposure to mosquito-control pesticides—Mississippi, North Carolina, and Virginia, 2002 and 2003, from CDC, 419
NSAIDs see Anti-inflammatory Agents, Nonsteroidal
Nursing Homes
Improving use of hospice services in nursing homes: a randomized controlled trial [Casarett] 211

Transmission of hepatitis B virus among persons undergoing blood glucose monitoring in long-term–care facilities—Mississippi, North Carolina, and Los Angeles County, California, 2003-2004, from CDC, 35
Nutrition
Essential nutrients: food or supplements? where should the emphasis be? [Lichtenstein] 351
Experts: target heart disease from birth [Mitka] 2558

O

Obesity
Bariatric surgery, *JAMA* Patient Page [Torpy] 1986
Early mortality among Medicare beneficiaries undergoing bariatric surgical procedures [Flum] 1903
Early obesity trigger? the world in medicine [Stephenson] 297
Filling the gaps in bariatric surgical research [Courcoulas] 1957; correction, 2848
Hospitalization before and after gastric bypass surgery [Zingmond] 1918
Insulin resistance and risk of congestive heart failure [Ingelsson] 334
Monitoring progress in arthritis management—United States and 25 states, 2003, from CDC, 789
Obesity's role in heart disease requires apples and pears comparison [Mitka] 3071
Prospects for the future of child health through research [Feigin] 1373
Researchers discover a range of factors undermine sperm quality, male fertility [Hampton] 2829
Trends in bariatric surgical procedures [Santry] 1909
Underweight, overweight, obesity, and excess deaths (letters) [Strickler, Willett, Ding, Greenberg] 551, 552 (reply) [Flegal] 552
Weighing in on bariatric surgery: procedure use, readmission rates, and mortality [Wolfe] 1960
Weight-loss surgeries up, health agencies update [Hampton] 893
Obstetrics
Who will deliver our grandchildren? implications of cerebral palsy litigation [MacLennan] 1689
Occupational Health
Annual smoking-attributable mortality, years of potential life lost, and productivity losses—United States, 1997-2001, from CDC, 788
Blood mercury levels and neurobehavior (letter) [Mutter] (reply) [Weil] 679
Experts address risk of physician suicide [Hampton] 1189
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Meth lab fires put heat on burn centers [Mitka] 2009
Nonalcoholic fatty liver and insulin resistance among petrochemical workers (research letter) [Cotrim] 1618
State smoking restrictions for private-sector worksites, restaurants, and bars—United States, 1998 and 2004, from CDC, 1202
Work-related illness, injury, the world in medicine [Stephenson] 1890
Olanzapine
Risk of death with atypical antipsychotic drug treatment for dementia: meta-analysis of randomized placebo-controlled trials [Schneider] 1934
Oligonucleotide Array Sequence Analysis
Clues to gene activity in inflammation found [Hampton] 1608
Omega-3 Fatty Acids see Fatty Acids, Omega-3
Opioid-Related Disorders
Anesthesia-assisted vs buprenorphine- or clonidine-assisted heroin detoxification and naltrexone induction: a randomized trial [Collins] 903
Limit lifted, capitol health call [Mitka] 1752
Methods of detoxification and their role in treating patients with opioid dependence [O'Connor] 961
Office-based treatment for opioid addiction achieving goals [Kuehn] 784
Orchiectomy
Androgen deprivation therapy for prostate cancer [Sharifi] 238
Organ Donors see Tissue Donors
Organ Transplantation
Importance of innovative efforts to increase organ donation [Matas] 1691
Lymphocytic choriomeningitis virus infection in organ transplant recipients—Massachusetts, Rhode Island, 2005, from CDC, 173
Skin cancer's ranks rise: immunosuppression to blame [Hampton] 1476
Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613
Viral encephalitis transmitted from donor to organ recipients [Roos] 488
Ornithine
Dysregulated arginine metabolism, hemolysis-associated pulmonary hypertension and mortality in sickle cell disease [Morris] 81
Orphan Drug Production
European researchers, drug companies join forces against rare diseases [Bosch] 2014
Oryza sativa
Edible rice vaccine, the world in medicine [Stephenson] 2961
Osteoarthritis
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Osteomalacia
Tumor-induced osteomalacia [Jan de Beur] 1260
Osteopenia see Bone Diseases, Metabolic
Osteoporosis
Evidence-based guidelines needed for osteoporosis screening and treatment [Kuehn] 34
Outcome Assessment
Cancer survivors need better care: new report makes recommendations [Hampton] 2959
Chronic conditions, functional limitations, and special health care needs of school-aged children born with extremely low-birth-weight in the 1990s [Hack] 318
Clinical results from transplanting incompatible live kidney donor/recipient pairs using kidney paired donation [Montgomery] 1655
Early mortality among Medicare beneficiaries undergoing bariatric surgical procedures [Flum] 1903
Effect of prone positioning on clinical outcomes in children with acute lung injury: a randomized controlled trial [Curley] 229
High-risk patients with acute coronary syndromes treated with low-molecular-weight or unfractionated heparin: outcomes at 6 months and 1 year in the SYNERGY trial [Mahaffey] 2594
Long-term outcomes for extremely low-birth-weight infants (letter) [Reiss] 2168 (reply) [Hack] 2169
Outcomes for extremely low-birth-weight infants: disappointing news [Tyson] 371
Trends in management and outcomes of patients with acute myocardial infarction complicated by cardiogenic shock [Babaev] 448
Ovarian Neoplasms
Ovarian cancer inspires art exhibit [Lamberg] 2831
Ovarian cancer tests, health agencies update [Hampton] 3075
Ovarian Transplantation
Woman gives birth after ovary transplant [Kuehn] 33
Oxidative Stress
Study reveals mitochondrial role in aging [Hampton] 672
Oxygen Consumption
Climbing a triassic Mount Everest: into thinner air (research letter) [Huey] 1761
Oxygen Inhalation Therapy
Increasing inspired oxygen to decrease surgical site infection: time to shift the quality improvement research paradigm [Dellinger] 2091
Supplemental perioperative oxygen and the risk of surgical wound infection: a randomized controlled trial [Belda] 2035; correction, 2973
Oxygenators
Update: *Ralstonia* species associated with Vapoiherm oxygen delivery devices—United States, 2005, from CDC, 3082

P

Pacemaker, Artificial
Cardiac device safety, health agencies update [Hampton] 2564
Paclitaxel
Comparison of a polymer-based paclitaxel-eluting stent with a bare metal stent in patients with complex coronary artery disease: a randomized controlled trial [Stone] 1215
Paclitaxel-eluting stents in complex lesions [Colombo] 1268
Sirolimus-eluting stents vs paclitaxel-eluting stents in patients with coronary artery disease: meta-analysis of randomized trials [Kastrati] 819
Pain
Fentanyl patch advisory, health agencies update [Hampton] 893
Fetal pain: a systematic multidisciplinary review of the evidence [Lee] 947
Medical marijuana, American federalism, and the Supreme Court [Gostin] 842
Pain studies illuminate the placebo effect [Kuehn] 1750
Regulation of medical marijuana (letter) [Das] (reply) [Gostin] 3091
Palliative Care
Medical marijuana, American federalism, and the Supreme Court [Gostin] 842
Palliative sedation in dying patients: "we turn to it when everything else hasn't worked" [Lo] 1810
Palliative sedation, *JAMA* Patient Page [Brender] 1850
Regulation of medical marijuana (letter) [Das] (reply) [Gostin] 3091
Pancreatic Neoplasms
Insulin, glucose, insulin resistance, and pancreatic cancer in male smokers [Stolzenberg-Solomon] 2872
Pancreatic cancer, *JAMA* Patient Page [Brender] 2934
Papanicolaou Smear see Vaginal Smears
Papillomavirus, Human
Cervical cancer prevention: making programs more appropriate and pragmatic [Blumenthal] 2225
Screen-and-treat approaches for cervical cancer prevention in low-resource settings: a randomized controlled trial [Denny] 2173
21-year-old woman with atypical squamous cells of undetermined significance [Sawaya] 2210
Paraganglioma
Predictors and prevalence of paraganglioma syndrome associated with mutations of the *SDHC* gene [Schiavi] 2057
Parasitic Worms see Helminths
Parathyroid Hormone
Relationship between serum parathyroid hormone levels, vitamin D sufficiency, and calcium intake [Steingrimsdottir] 2336
Partner Abuse
Family violence research: lessons learned and where from here? [MacMillan] 618
Parturition
Family physicians and options for childbirth care (letter) [Day] (reply) [Glass] 793
Parvovirus
New respiratory virus, the world in medicine [Stephenson] 1331
Parvovirus B19, Human
Parvovirus B19 and onset of juvenile dermatomyositis (research letter) [Mamyrova] 2170
Patents
Patents-based pharmaceutical development process: rationale, problems, and potential reforms [Barton] 2075
Technology licensing: lessons from the US experience [Sobolski] 3137
Patient Adherence
Fasting and medical issues during Ramadan (letter) [Crosby] 1618
Patient Education
Cervical cancer, health agencies update [Hampton] 893
Easy-to-use drug reports help patients and physicians weigh costs, benefits [Voelker] 165
Electronic drug labels, health agencies update [Hampton] 3079
Monitoring progress in arthritis management—United States and 25 states, 2003, from CDC, 789
Patient Rights
Consensus and controversy in clinical research ethics [Brody] 1411
Patient Satisfaction
Antibiotic prescribing for lower respiratory tract infection (letter) [Stapczynski] (reply) [Ebell] 2032
Patient Selection
Direct-to-consumer advertising and physician prescribing (letter) [Miller] (reply) [Kravitz] 678
Internet seen as clinical research tool [Mitka] 2290
Patient preference and validity of randomized controlled trials (letters) [Cho, Torgerson] 41 (reply) [King] 42
Patient-Physician Relationship
Acting and clinical empathy (letters) [Haller, Lipsitt] (reply) [Yao] 39
Beyond advance directives: importance of communication skills at the end of life [Tulsky] 359
Fetal pain: a systematic multidisciplinary review of the evidence [Lee] 947
HIV testing without consent in critically ill patients [Halpern] 734
Improving use of hospice services in nursing homes: a randomized controlled trial [Casarett] 211
Resident physicians' preparedness to provide cross-cultural care [Weissman] 1058
21-year-old woman with atypical squamous cells of undetermined significance [Sawaya] 2210
Use of stories in clinical research and health policy [Steiner] 2901
Patients
Standardized patients, *JAMA* Patient Page [Brender] 1172
PBAC see Pharmaceutical Benefits Advisory Committe
Peale, Charles Willson (1741-1827)
JAMA cover of October 26, *James Peale (The Lamplighter Portrait* by Charles Wilson Peale [Southgate] 1999
Pediatrics
Experts ponder pediatric research ethics [Hampton] 2148
Prospects for the future of child health through research [Feigin] 1373
Pedophilia
Researchers seek roots of pedophilia [Lamberg] 546
Peer Review
Biomedical journals probe peer review [Hampton] 2287
Penicillins
Antibiotic treatment of children with sore throat [Linder] 2315

Peptic Ulcer
Nobels honor research on ulcer microbe, "green" drug production method [Kuehn] 2289
Peptidyl-Dipeptidase A
Angiotensin-converting enzyme insertion/deletion genotype, exercise, and physical decline [Kritchevsky] 691
SARS clue, the world in medicine [Stephenson] 787
Percutaneous Coronary Intervention see Coronary Intervention, Percutaneous
Periodicals
Biomedical journals probe peer review [Hampton] 2287
Conflicts of interest and independent data analysis in industry-funded studies (letters) [Loew, Molenberghs] 2575 (reply) [Fontanarosa] 2576
Contradicted and initially stronger effects in highly cited clinical research [Ioannidis] 218
Contradictions in highly cited clinical research (letters) [Heckerling, West, Westfall] 2695 (reply) [Ioannidis] 2696
Reporting conflicts of interest, financial aspects of research, and role of sponsors in funded studies [Fontanarosa] 110
Perioperative Care
Increasing inspired oxygen to decrease surgical site infection: time to shift the quality improvement research paradigm [Dellinger] 2091
Perioperative *N*-acetylcysteine to prevent renal dysfunction in high-risk patients undergoing CABG surgery: a randomized controlled trial [Burns] 342
Supplemental perioperative oxygen and the risk of surgical wound infection: a randomized controlled trial [Belda] 2035; correction, 2973
Peroxisome Proliferator-Activated Receptors
Effect of muraglitazar on death and major adverse cardiovascular events in patients with type 2 diabetes mellitus [Nissen] 2581
Selling safety—lessons from muraglitazar [Brophy] 2633
PERSPECTIVES ON CARE AT THE CLOSE OF LIFE (Winker MA, ed)
Beyond advance directives: importance of communication skills at the end of life [Tulsky] 359
Palliative sedation in dying patients: "we turn to it when everything else hasn't worked" [Lo] 1810
Pertussis see Whooping Cough
Pertussis Vaccine
Childhood vaccination and nontargeted infectious disease hospitalization [Hviid] 699
Pesticides
Acute illnesses associated with pesticide exposure at schools [Alarcon] 455; correction, 1208
Curbing malaria with fungi, the world in medicine [Stephenson] 297
Human exposure to mosquito-control pesticides—Mississippi, North Carolina, and Virginia, 2002 and 2003, from CDC, 419
Pesticide exposure at schools and acute illnesses (letter) [Kirrane] (reply) [Calvert] 2431
Pharmaceutical Benefits Advisory Committee see PBAC
Drug prices and value for money: the Australian Pharmaceutical Benefits Scheme [Henry] 2630
Pharmaceutical Services
Drug prices and value for money: the Australian Pharmaceutical Benefits Scheme [Henry] 2630
Pharmacogenetics
Pharmacogenetics research, health agencies update [Hampton] 2564
Pharyngitis
Antibiotic treatment of children with sore throat [Linder] 2315
Appropriate use of antimicrobial drugs: a better prescription is needed [Weber] 2354
Phenothiazines
Antipsychotic drugs in dementia: what shouid be made of the risks? [Rabins] 1963
Pheochromocytoma
Predictors and prevalence of paraganglioma syndrome associated with mutations of the *SDHC* gene [Schiavi] 2057
Phobic Disorders
Brain and behavior, health agencies update [Hampton] 893
Phthalates
Endocrine-disrupting chemicals probed as potential pathways to illness [Trubo] 291
Physical Fitness
Barriers to children walking to or from school—United States, 2004, from CDC, 2160
Fitness, *JAMA* Patient Page [Torpy] 3048
Prevalence and cardiovascular disease correlates of low cardiorespiratory fitness in adolescents and adults [Carnethon] 2981
Preventing chronic disease, the world in medicine [Stephenson] 2423
Physical Therapy Techniques
Rehabilitation medicine welcomes a robotic revolution [Voelker] 1191
Phytoestrogens
Dietary phytoestrogens and lung cancer risk [Schabath] 1493; correction, 2700
A PIECE OF MY MIND (Young RK, ed)
Confidentiality and "Jambo, Jahi" (letter) [Lyman] (reply) [Dunavan] 680
Death and life in Iraq [Stockinger] 17
Fourth floor [Kraft] 2821
Malignant neglect [Han] 2546
Playing doctor [Henry] 2138
"The medical humanities," for lack of a better term [Campo] 1009
Tie it and trust [Ahmed] 1873
Placental Hormones
Pregnancy characteristics and maternal risk of breast cancer [Cnattingius] 2474
Plasma Cells
Immunological memory: the role of B cells in long-term protection against invasive bacterial pathogens [Kelly] 3019
Plasma Volume
Manifestations of chronic disease during pregnancy [Kaaja] 2751
Plasmodium falciparum
Identification of potential multitarget antimalarial drugs [Jenwitheesuk] 1490
Platelet Aggregation Inhibitors
Excess dosing of antiplatelet and antithrombin agents in the treatment of non–ST-segment elevation acute coronary syndromes [Alexander] 3108
Ploidies
Localized prostate cancer and DNA ploidy (letter) [Koss] (reply) [Albertsen] 1207
Pneumococcal Vaccines
Changing epidemiology of invasive pneumococcal disease among older adults in the era of pediatric pneumococcal conjugate vaccine [Lexau] 2043
Direct and indirect effects of routine vaccination of children with 7-valent pneumococcal conjugate vaccine on incidence of invasive pneumococcal disease—United States, 1998-2003, from CDC, 2022
Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569
Pneumonia
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Pneumonia in older adults: reversing the trend [File] 2760
Trends in hospitalizations for pneumonia among persons aged 65 years or older in the United States, 1988-2002 [Fry] 2712
POETRY AND MEDICINE (Breedlove C, ed)
After reading Su Shih's elegy for his friend [Israel] 2135
Aubade [Starbuck] 284
Bonded [Foote] 156
Dolor [Nazarene] 2001
The geriatric lane [Pringle] 2816
The golden years [Pies] 1006
Gurney [Waring] 1185
The hard part [Bolz] 2406
I saw the saw I said I saw [Starbuck] 776
In the delivery room [Israel] 2948
Letter to a dying man [Moran] 2672
Local news [Foote] 16
The man in the wound [Foote] 3064
Parliament day [Levison] 1868
Perthes girl [Pidgeon] 1470
Resurrection of Stanley Kunitz [Feinfeld] 2278
Sometimes at night [Kempa] 1592
The taj [Jacobstein] 658
This heart [Ritchie] 405
Three disks, two rods, and a dozen screws [Shomer] 1319
To Mnemosyne [Dugan] 1737
Tremor [Pereira] 530
un poco mosso [Ma] 2549
The vine and the branches [Economy] 880
Poisoning
Deliberate self-poisoning in Ontario following the terrorist attacks of September 11, 2001 (research letter) [Detsky] 1900
Human skeletal muscle as a target organ of trichloroethylene toxicity (research letter) [Vattemi] 554
Number of injury deaths, by mechanism and intent—United States, 2002, 550
Poliovirus
Poliovirus infections in four unvaccinated children—Minnesota, August-October 2005, from CDC, 2689
Seroprevalence of poliovirus antibodies among children in a Dominican community—Puerto Rico, 2002, from CDC, 548
Poliovirus Vaccines
Childhood vaccination and nontargeted infectious disease hospitalization [Hviid] 699
Pollen
Edible rice vaccine, the world in medicine [Stephenson] 2961
Polymorphism, Genetic
β_2-Adrenergic receptor genotype and survival among patients receiving β-blocker therapy after an acute coronary syndrome [Lanfear] 1526
Somatic acquisition and signaling of *TGFBR1**6A in cancer [Pasche] 1634
Polyposis Syndrome, Familial see Adenomatous Polyposis Coli
Positron-Emission Tomography
Pain studies illuminate the placebo effect [Kuehn] 1750
Postoperative Complications
Clostridium sordellii toxic shock syndrome after medical abortion with mifepristone and intravaginal misoprostol—United States and Canada, 2001-2005, from CDC, 1894
Comparison of a polymer-based paclitaxel-eluting stent with a bare metal stent in patients with complex coronary artery disease: a randomized controlled trial [Stone] 1215
Increasing inspired oxygen to decrease surgical site infection: time to shift the quality improvement research paradigm [Dellinger] 2091
Paclitaxel-eluting stents in complex lesions [Colombo] 1268
Perioperative *N*-acetylcysteine to prevent renal dysfunction in high-risk patients undergoing CABG surgery: a randomized controlled trial [Burns] 342
Prophylactic oral amiodarone for the prevention of arrhythmias that begin early after revascularization, valve replacement, or repair: PAPABEAR: a randomized controlled trial [Mitchell] 3093
Prophylaxis against postoperative atrial fibrillation: current progress and future directions [Podgoreanu] 3140
Surgical complications, health agencies update [Hampton] 1481
Practice Guidelines
Adding value to evidence-based clinical guidelines [O'Connor] 741
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Predictive Value of Tests
Operating characteristics of prostate-specific antigen and verification bias (letter) [Punglia] (reply) [Ankerst] 2698
Pregnancy
Children's health study closer to launch: lack of funding could cause delays [Kuehn] 2154
Early obesity trigger? the world in medicine [Stephenson] 297
Fetal pain: a systematic multidisciplinary review of the evidence [Lee] 947
Helminth infection during pregnancy and development of infantile eczema (research letter) [Elliott] 2032
HIV screening advice, health agencies update [Hampton] 418
Isotretinoin risks, health agencies update [Hampton] 1481
Manifestations of chronic disease during pregnancy [Kaaja] 2751
Neonatal signs after in utero exposure to selective serotonin reuptake inhibitors (letters) [Kaye, Lavenstein] 2299, 2300 (reply) [Moses-Kolko] 2300
Pregnancy characteristics and maternal risk of breast cancer [Cnattingius] 2474
Risks and benefits key to psychotropic use during pregnancy and postpartum period [Lamberg] 1604
38-year-old woman with fetal loss and hysterectomy [Sachs] 833
Woman gives birth after ovary transplant [Kuehn] 33
Prenatal Exposure Delayed Effects
Accumulating evidence for prenatal nutritional origins of mental disorders [Neugebauer] 621
Helminth infection during pregnancy and development of infantile eczema (research letter) [Elliott] 2032
Neonatal signs after in utero exposure to selective serotonin reuptake inhibitors (letters) [Kaye, Lavenstein] 2299, 2300 (reply) [Moses-Kolko] 2300
Rates of adult schizophrenia following prenatal exposure to the Chinese famine of 1959-1961 [St Clair] 557
Schizophrenia and the Chinese famine of 1959-1961 (letter) [Altschuler] (reply) [Neugebauer] 2968
Preoperative Care
Clopidogrel for percutaneous coronary revascularization: time for more pretreatment, retreatment, or both? [Moliterno] 1271
Effect of clopidogrel pretreatment before percutaneous coronary intervention in patients with ST-elevation myocardial infarction treated with fibrinolytics: the PCI-CLARITY Study [Sabatine] 1224
Preventive Medicine
Cervical cancer prevention: making programs more appropriate and pragmatic [Blumenthal] 2225
Clinical trials point to complexities of chemoprevention for cancer [Hampton] 29
Cognitive therapy and preventing suicide attempts (letters) [Filion, Tepper] 2847 (reply) [Brown] 2848
Cognitive therapy for the prevention of suicide attempts: a randomized controlled trial [Brown] 563

Delivery of preventive services to older adults by primary care physicians [Pham] 473
Dietary phytoestrogens and lung cancer risk [Schabath] 1493; correction, 2700
Effect of smoking reduction on lung cancer risk [Godtfredsen] 1505
Experts address risk of physician suicide [Hampton] 1189
Long-term use of aspirin and nonsteroidal anti-inflammatory drugs and risk of colorectal cancer [Chan] 914
Long-term use of aspirin and risk of colorectal cancer (letter) [Vachon] (reply) [Chan] 3090
Low-dose aspirin and vitamin E: challenges and opportunities in cancer prevention [Jacobs] 105
Low-dose aspirin in the primary prevention of cancer: the Women's Health Study: a randomized controlled trial [Cook] 47
Of cabbages and cancer, the world in medicine [Stephenson] 2961
On the preservation of health [Barondess] 3024
Policy targets lowering SIDS incidence [Mitka] 2420
Preventing chronic disease, the world in medicine [Stephenson] 2423
Protecting health—the new research imperative [Gerberding] 1403
Reducing Alzheimer risk, the world in medicine [Stephenson] 2423
Reducing the risk of lung cancer [Dacey] 1550
Role of vitamin E in the prevention of cardiovascular disease and cancer (letter) [Punnam] (reply) [Lee] 2432
Screen-and-treat approaches for cervical cancer prevention in low-resource settings: a randomized controlled trial [Denny] 2173
Suicide prevention strategies: a systematic review [Mann] 2064
Update: syringe exchange programs—United States, 2002, from CDC, 1892
Vitamin E and cardiovascular health: does sex matter? [Redberg] 107
Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56
Vitamin E supplementation, cardiovascular events, and cancer (letters) [Gaby, Jarski, Richey] 425 (reply) [Lonn] 426

Primary Health Care
Delivery of preventive services to older adults by primary care physicians [Pham] 473
Family physicians and options for childbirth care (letter) [Day] (reply) [Glass] 793
US graduate medical education, 2004-2005: trends in primary care specialties [Brotherton] 1075

Product Surveillance, Postmarketing
Accelerated approval abuse, capitol health call [Mitka] 171
RADAR project and the FDA (letter) [Trontell] (reply) [Bennett] 1206
Safety issues involving medical devices: implications of recent implantable cardioverter-defibrillator malfunctions [Maisel] 955

Productivity see Efficiency

Progeria
Cancer drug and progeria, health agencies update [Hampton] 2016

Progesterone
Pregnancy characteristics and maternal risk of breast cancer [Cnattingius] 2474

Progestins
Estrogen, progestin, and urinary incontinence (letter) [Blackwell] 2696 (reply) [Hendrix] 2697
Some surprises, some answers, and more questions about hormone therapy: further findings from the Women's Health Initiative [Petitti] 245
Symptom experience after discontinuing use of estrogen plus progestin [Ockene] 183

Prognosis
Biomarkers for mortality and cardiovascular events (letter) [Koenig] (reply) [Kistorp] 303
Localized prostate cancer and DNA ploidy (letter) [Koss] (reply) [Albertsen] 1207
Prognosis and decision making in severe stroke [Holloway] 725
Prognostic value of serial B-type natriuretic peptide testing during follow-up of patients with unstable coronary artery disease [Morrow] 2866

Prone Position
Effect of prone positioning on clinical outcomes in children with acute lung injury: a randomized controlled trial [Curley] 229
Prone positioning in children with acute lung injury (letter) [Branco] (reply) [Curley] 2297
Prone positioning in children with ARDS: positive reflections on a negative clinical trial [Kavanagh] 248

Prostatectomy
Mortality following prostate cancer recurrence after radical prostectomy (letter) [Trainer] (reply) [Freedland] 2969
Risk of prostate cancer–specific mortality following biochemical recurrence after radical prostatectomy [Freedland] 433

Prostate-Specific Antigen
Comparison of conventional-dose vs high-dose conformal radiation therapy in clinically localized adenocarcinoma of the prostate: a randomized controlled trial [Zietman] 1233
Operating characteristics of prostate-specific antigen and verification bias (letter) [Punglia] (reply) [Ankerst] 2693
Operating characteristics of prostate-specific antigen in men with an initial PSA level of 3.0 ng/mL or lower [Thompson] 66
Pretreatment PSA velocity and risk of death from prostate cancer following external beam radiation therapy [D'Amico] 440
PSA kinetics and risk of death from prostate cancer: in search of the holy grail of surrogate end points [Anscher] 493

Prostatic Neoplasms
Androgen deprivation therapy for prostate cancer [Sharifi] 238
Clinical trials point to complexities of chemoprevention for cancer [Hampton] 29
Comparison of conventional-dose vs high-dose conformal radiation therapy in clinically localized adenocarcinoma of the prostate: a randomized controlled trial [Zietman] 1233
Gene fusion found in prostate cancer [Hampton] 2832
Localized prostate cancer and DNA ploidy (letter) [Koss] (reply) [Albertsen] 1207
Mortality following prostate cancer recurrence after radical prostectomy (letter) [Trainer] (reply) [Freedland] 2969
Operating characteristics of prostate-specific antigen and verification bias (letter) [Punglia] (reply) [Ankerst] 2698
Operating characteristics of prostate-specific antigen in men with an initial PSA level of 3.0 ng/mL or lower [Thompson] 66
Pretreatment PSA velocity and risk of death from prostate cancer following external beam radiation therapy [D'Amico] 440
PSA kinetics and risk of death from prostate cancer: in search of the holy grail of surrogate end points [Anscher] 493
Radiation dose escalation as treatment for clinically localized prostate cancer: is more really better? [DeWeese] 1274
Risk of prostate cancer–specific mortality following biochemical recurrence after radical prostatectomy [Freedland] 433

Protein Isoprenylation
Cancer drug and progeria, health agencies update [Hampton] 2016

Proton-Pump Inhibitor
Easy-to-use drug reports help patients and physicians weigh costs, benefits [Voelker] 165
Use of gastric acid—suppressive agents and the risk of community-acquired *Clostridium difficile*—associated disease [Dial] 2989

Protozoan Genome see Genome, Protozoan

Psoriasis
Roots of psoriasis, the world in medicine [Stephenson] 1890

Psychiatry
Psychiatry as a clinical neuroscience discipline [Insel] 2221

Psychophysiology
New mind/body tactics target medically unexplained physical symptoms and fears [Lamberg] 2152

Psychotropic Drugs
Risks and benefits key to psychotropic use during pregnancy and postpartum period [Lamberg] 1604

Public Health
Adverse events associated with smallpox vaccination in the United States, January-October 2003 [Casey] 2734
AIDS funding boost, capitol health call [Mitka] 2833
Brief report: terrorism and emergency preparedness in state and territorial public health departments—United States, 2004, from CDC, 549
CDC announces landmark reorganization, from CDC, 38
Childhood vaccination and nontargeted infectious disease hospitalization [Hviid] 699
Effect of hepatitis A vaccination programs [Van Damme] 246
Essential nutrients: food or supplements? where should the emphasis be? [Lichtenstein] 351
Fentanyl patch advisory, health agencies update [Hampton] 893
Funding flu protection, capitol health call [Mitka] 2833
Impact of varicella vaccination on health care utilization [Zhou] 797
Incidence of hepatitis A in Israel following universal immunization of toddlers [Dagan] 202
Incidence of hepatitis A in the United States in the era of vaccination [Wasley] 194
Legal concerns and the influenza vaccine shortage [Mello] 1817
Preventable measles among U.S. residents, 2001-2004, from CDC, 1755
Public attitudes and perceptions about health-related research [Woolley] 1380
Racial/ethnic disparities in infant mortality—United States, 1995-2002, from CDC, 298
Readiness of local public health agencies to respond to bioterrorism questioned [Mitka] 1884
Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569
Ricin poisoning: a comprehensive review [Audi] 2342
Role of public health in mental health promotion, from CDC, 2293
Surveillance and coordination key to reducing foodborne illness [Kuehn] 2683
Tiered use of inactivated influenza vaccine in the event of a vaccine shortage, from CDC, 1204
Trends in the leading causes of death in the United States, 1970-2002 [Jemal] 1255
Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613
Vaccine safety—achieving the proper balance [Neuzil] 2763
Varicella vaccine, cost-effectiveness analyses, and vaccination policy [Davis] 845
Why America needs a strong FDA [Markel] 2489

Public Opinion
Public attitudes and perceptions about health-related research [Woolley] 1380

Publishing
Biomedical journals probe peer review [Hampton] 2287
Conflicts of interest and independent data analysis in industry-funded studies (letters) [Loew, Molenberghs] 2575 (reply) [Fontanarosa] 2576
Costs and funding for published medical education research [Reed] 1052

Puerto Rico
Seroprevalence of poliovirus antibodies among children in a Dominican community—Puerto Rico, 2002, from CDC, 548

Pulmonary Disease, Chronic Obstructive
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Trends in the leading causes of death in the United States, 1970-2002 [Jemal] 1255

Pulmonary Edema
Noninvasive ventilation in acute cardiogenic pulmonary edema: systematic review and meta-analysis [Masip] 3124

Pulmonary Embolism
Thrombophlebitis, *JAMA* Patient Page [Torpy] 762

Pulmonary Hypertension see Hypertension, Pulmonary

Pulmonary Surfactants
Surfactant and pediatric acute lung injury (letter) [Hunt] 898 (reply) [Willson] 899

Q

Quality of Health Care
Adding value to evidence-based clinical guidelines [O'Connor] 741
Administrative data feedback for effective cardiac treatment: AFFECT, a cluster randomized trial [Beck] 309
Antibiotic prescribing for lower respiratory tract infection (letter) [Stapczynski] (reply) [Ebell] 2032
Cancer survivors need better care: new report makes recommendations [Hampton] 2959
Clinical practice guidelines and quality of care for older patients with multiple comorbid diseases: implications for pay for performance [Boyd] 716
Computerized physician order entry systems and medication errors (letters) [Bierstock, Keillor, Hegedus, Levick, Safran] 178, 179 (reply) [Koppel] 180
Computers and clinical work (letters) [Harrison, Mitchell] 181 (reply) [Wears] 182
Creating a safer health care system: finding the constraint [Pauker] 2906
Delivery of preventive services to older adults by primary care physicians [Pham] 473
Early experience with pay-for-performance: from concept to practice [Rosenthal] 1788
Electronic records, health agencies update [Hampton] 2564
Evaluation study of congestive heart failure and pulmonary artery catheterization effectiveness: the ESCAPE trial [ESCAPE Investigators] 1625
Hospital characteristics associated with the management of pediatric splenic injuries [Bowman] 2611
Improving use of hospice services in nursing homes: a randomized controlled trial [Casarett] 211
Increasing inspired oxygen to decrease surgical site infection: time to shift the quality improvement research paradigm [Dellinger] 2091
Long road to patient safety: a status report on patient safety systems [Longo] 2858
Neurobehavioral performance of residents after heavy night call vs after alcohol ingestion [Arnedt] 1025
Optimizing the science of quality improvement [Peterson] 369
Pay-for-performance research: how to learn what clinicians and policy makers need to know [Dudley] 1821
Publication of guidance on public reporting of healthcare- associated infections, from CDC, 896
Quality improvement organizations and hospital care (letters) [Bratzler, Jencks, Goid, Sugarman] 2028, 2029 (reply) [Snyder] 2030

Quality improvement organizations and the Institute of Medicine (letter) [Shortell] (reply) [Snyder] 680
Quality, innovation, and value for money: NICE and the British National Health Service [Pearson] 2618
Resident physicians' preparedness to provide cross-cultural care [Weissman] 1058
Safety improvements urged for MRI facilities [Mitka] 2145
Safety issues involving medical devices: implications of recent implantable cardioverter-defibrillator malfunctions [Maisel] 955
Saying sorry, capitol health call [Mitka] 2292
Surgical complications, health agencies update [Hampton] 1481
To Err Is Human 5 years later (letters) [Halbach, Surbone] 1758 (reply) [Leape] 1759
Tracking medical errors, capitol health call [Kuehn] 1201
Transmission of hepatitis B virus among persons undergoing blood glucose monitoring in long-term–care facilities—Mississippi, North Carolina, and Los Angeles County, California, 2003-2004, from CDC, 35
Update: *Ralstonia* species associated with Vapotherm oxygen delivery devices—United States, 2005, from CDC, 3082
Work hours and reducing fatigue-related risk: good research vs good policy [Dawson] 1104

Quality of Life
Cancer treatment's trade-off: years of added life can have long-term costs [Hampton] 167
Chronic conditions, functional limitations, and special health care needs of school-aged children born with extremely low-birth-weight in the 1990s [Hack] 318
Outcomes for extremely low-birth-weight infants: disappointing news [Tyson] 371

Quetiapine
Risk of death with atypical antipsychotic drug treatment for dementia: meta-analysis of randomized placebo-controlled trials [Schneider] 1934

QUICKSTATS
Number of injury deaths, by mechanism and intent—United States, 2002, 550
Percentage of adults who reported an average of ≤6 hours of sleep per 24-hour period, by sex and age group—United States, 1985 and 2004, 2692
Percentage of persons aged ≥20 years with hypertension by race/ethnicity—United States, 1999-2002, 2966

R

Race
Genetic influences on health: does race matter? [Bamshad] 937; correction, 1620
Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry [Nanda] 1925
Racial/ethnic disparities in infant mortality—United States, 1995-2002, from CDC, 298
Resident physicians' preparedness to provide cross-cultural care [Weissman] 1058
Socioeconomic status in health research: one size does not fit all [Braveman] 2879

Radiation Effects
Chernobyl's deadly legacy, the world in medicine [Stephenson] 1890

Radiofrequency Ablation
Left atrial radiofrequency ablation during mitral valve surgery for continuous atrial fibrillation: a randomized controlled trial [Doukas] 2323

Radioisotopes
False alarms at airports, the world in medicine [Stephenson] 787

Radionuclide Imaging
False alarms at airports, the world in medicine [Stephenson] 787

Radiotherapy
Comparison of conventional-dose vs high-dose conformal radiation therapy in clinically localized adenocarcinoma of the prostate: a randomized controlled trial [Zietman] 1233
Postradiotherapy pelvic fractures: cause for concern or opportunity for future research? [Small] 2635
Pretreatment PSA velocity and risk of death from prostate cancer following external beam radiation therapy [D'Amico] 440
Radiation dose escalation as treatment for clinically localized prostate cancer: is more really better? [DeWeese] 1274
Radiation therapy, *JAMA* Patient Page [Torpy] 1296
Risk of pelvic fractures in older women following pelvic irradiation [Baxter] 2587
Thyroid function and mortality in patients treated for hyperthyroidism [Franklyn] 71

Ralstonia
Update: *Ralstonia* species associated with Vapotherm oxygen delivery devices—United States, 2005, from CDC, 3082

Ramadan
Fasting and medical issues during Ramadan (letter) [Crosby] 1618

Randomized Trials
Administrative data feedback for effective cardiac treatment: AFFECT, a cluster randomized trial [Beck] 309
Anesthesia-assisted vs buprenorphine- or clonidine-assisted heroin detoxification and naltrexone induction: a randomized trial [Collins] 903
Clinical decision support and appropriateness of antimicrobial prescribing: a randomized trial [Samore] 2305
Cognitive therapy for the prevention of suicide attempts: a randomized controlled trial [Brown] 563
Comparison of a polymer-based paclitaxel-eluting stent with a bare metal stent in patients with complex coronary artery disease: a randomized controlled trial [Stone] 1215
Comparison of conventional-dose vs high-dose conformal radiation therapy in clinically localized adenocarcinoma of the prostate: a randomized controlled trial [Zietman] 1233
Comparison of the instructional efficacy of Internet-based CME with live interactive CME workshops: a randomized controlled trial [Fordis] 1043
Contradicted and initially stronger effects in highly cited clinical research [Ioannidis] 218
Contradictions in highly cited clinical research (letters) [Heckerling, West, Westfall] 2695 (reply) [Ioannidis] 2696
Direct-to-consumer advertising and physician prescribing (letter) [Miller] (reply) [Kravitz] 678
Effect of clopidogrel pretreatment before percutaneous coronary intervention in patients with ST-elevation myocardial infarction treated with fibrinolytics: the PCI-CLARITY Study [Sabatine] 1224
Effect of prone positioning on clinical outcomes in children with acute lung injury: a randomized controlled trial [Curley] 229
Effects of protein, monounsaturated fat, and carbohydrate intake on blood pressure and serum lipids: results of the Omniheart randomized trial [Appel] 2455
Efficacy and safety of edifoligide, an E2F transcription factor decoy, for prevention of vein graft failure following coronary artery bypass graft surgery: PREVENT IV: a randomized controlled trial [PREVENT IV Investigators] 2446
Feasibility of management of high-grade cervical lesions in a single visit: a randomized controlled trial [Brewster] 2182
High-dose atorvastatin vs usual-dose simvastatin for secondary prevention after myocardial infarction: the IDEAL Study: a randomized controlled trial [Pedersen] 2437; correction, 3092
Improving use of hospice services in nursing homes: a randomized controlled trial [Casarett] 211
Internet seen as clinical research tool [Mitka] 2290
Left atrial radiofrequency ablation during mitral valve surgery for continuous atrial fibrillation: a randomized controlled trial [Doukas] 2323
Long-term use of aspirin and nonsteroidal anti-inflammatory drugs and risk of colorectal cancer [Chan] 914
Low-dose aspirin in the primary prevention of cancer: the Women's Health Study: a randomized controlled trial [Cook] 47
Methodological standards in human vs animal clinical trials (letter) [Heard] (reply) [Pluta] 40
Patient preference and validity of randomized controlled trials (letters) [Cho, Torgerson] 41 (reply) [King] 42
Perioperative *N*-acetylcysteine to prevent renal dysfunction in high-risk patients undergoing CABG surgery: a randomized controlled trial [Burns] 342
Prophylactic oral amiodarone for the prevention of arrhythmias that begin early after revascularization, valve replacement, or repair: PAPABEAR: a randomized controlled trial [Mitchell] 3093
Quantifying the federal minimal risk standard: implications for "nonbeneficial" pediatric research [Wendler] 826
Randomized controlled trials, *JAMA* Patient Page [Torpy] 2262
Randomized trials stopped early for benefit: a systematic review [Montori] 2203
Risk of death with atypical antipsychotic drug treatment for dementia: meta-analysis of randomized placebo-controlled trials [Schneider] 1934
Screen-and-treat approaches for cervical cancer prevention in low-resource settings: a randomized controlled trial [Denny] 2173
Sirolimus-eluting stents vs paclitaxel-eluting stents in patients with coronary artery disease: meta-analysis of randomized trials [Kastrati] 819
Supplemental perioperative oxygen and the risk of surgical wound infection: a randomized controlled trial [Belda] 2035; correction, 2973
Trials on the record, capitol health call [Kuehn] 673
Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56
When (not) to stop a clinical trial for benefit [Pocock] 2228

Rape
Agencies speak out on rape in Darfur [Hampton] 542
Women in Rwanda: another world is possible [Cohen] 613

Rare Diseases
European researchers, drug companies join forces against rare diseases [Bosch] 2014

THE RATIONAL CLINICAL EXAMINATION (Simel DL, Rennie D, eds)
Does this dyspneic patient in the emergency department have congestive heart failure? [Wang] 1944

Rats
Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613

RDA see Nutrition Policy

Receptors, β Adrenergic
β_2-Adrenergic receptor genotype and survival among patients receiving β-blocker therapy after an acute coronary syndrome [Lanfear] 1526

Receptors, Dopamine
Role of environment in addiction probed [Kuehn] 2953

Recurrence
Cancer treatment's trade-off: years of added life can have long-term costs [Hampton] 167

Referral and Consultation
Screening for psychological illness in the military (letter) [Wright] 42 (reply) [Wessely] 43

Refugees
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Mental health of Cambodian refugees 2 decades after resettlement in the United States [Marshall] 571
Multidrug-resistant tuberculosis in Hmong refugees resettling from Thailand into the United States, 2004-2005, from CDC, 1753
Norovirus outbreak among evacuees from Hurricane Katrina—Houston, Texas, September 2005, from CDC, 2834
Predisplacement and postdisplacement factors associated with mental health of refugees and internally displaced persons: a meta-analysis [Porter] 602
Refugee mental health, *JAMA* Patient Page [Ringold] 646

Registries
Trials on the record, capitol health call [Kuehn] 673

Rehabilitation
Ramping up rehabilitation research urged as a "public health imperative" [Voelker] 2413
Rehabilitation medicine welcomes a robotic revolution [Voelker] 1191

Reimbursement, Health Insurance see Insurance, Health, Reimbursement

Reimbursement, Incentive
Antibiotic prescribing for lower respiratory tract infection (letter) [Stapczynski] (reply) [Ebell] 2032
Early experience with pay-for-performance: from concept to practice [Rosenthal] 1788
Pay-for-performance research: how to learn what clinicians and policy makers need to know [Dudley] 1821

Rejuvenation
Provision or distribution of growth hormone for "anti-aging" clinical and legal issues [Perls] 2086

Religion and Medicine
Fasting and medical issues during Ramadan (letter) [Crosby] 1618

Renal Dialysis
43-year-old woman with end-stage renal disease, 2 years 6 months later [Ship] 841

Renal Replacement Therapy
43-year-old woman with end-stage renal disease, 2 years 6 months later [Ship] 841

Reproductive Techniques, Assisted
Anonymity of gamete donations debated [Hampton] 2681

Research
Academic medical centers and medical research: the challenges ahead [Cohen] 1367
Children's health study closer to launch: lack of funding could cause delays [Kuehn] 2154
Consensus and controversy in clinical research ethics [Brody] 1411
Contradicted and initially stronger effects in highly cited clinical research [Ioannidis] 218
Contradictions in highly cited clinical research (letters) [Heckerling, West, Westfall] 2695 (reply) [Ioannidis] 2696
Costs and funding for published medical education research [Reed] 1052
European researchers, drug companies join forces against rare diseases [Bosch] 2014
Experts ponder pediatric research ethics [Hampton] 2148
Federal funding and supportive policies for research [Porter] 1385
Filling the gaps in bariatric surgical research [Courcoulas] 1957; correction, 2848
Financial anatomy of biomedical research [Moses] 1333
Fostering innovation and discovery in biomedical research [Cech] 1390
Internet seen as clinical research tool [Mitka] 2290
Lasker awards: celebrating scientific discovery [Marshall] 1420
Lasker Foundation and recognition of scientific excellence [Edwards] 1422
Mary Lasker and her prizes: an appreciation [Bishop] 1418

Medical research activities, funding, and creativity in Europe: comparison with research in the United States [Philipson] 1394
Medical research, *JAMA* Patient Page [Brender] 1454
Medical research—state of the science [Fontanarosa] 1424
Metaphysical games: an imaginary lecture on crafting earth's biological future [Lederberg] 1415
Methodological standards in human vs animal clinical trials (letter) [Heard] (reply) [Pluta] 40
NIH eases ethics rules on employees: consulting ban to remain [Hampton] 1749
Patents-based pharmaceutical development process: rationale, problems, and potential reforms [Barton] 2075
Patient preference and validity of randomized controlled trials (letters) [Cho, Torgerson] 41 (reply) [King] 42
Pharmacogenetics research, health agencies update [Hampton] 2564
Physician-scientist career pipeline in 2005: build it, and they will come [Ley] 1343
Prospects for the future of child health through research [Feigin] 1373
Protecting health—the new research imperative [Gerberding] 1403
Public attitudes and perceptions about health-related research [Woolley] 1380
Ramping up rehabilitation research urged as a "public health imperative" [Voelker] 2413
Randomized trials stopped early for benefit: a systematic review [Montori] 2203
Realizing the promise of genomics in biomedical research [Guttmacher] 1399
Reflections on the Lasker prize for basic biomedical research [Berg] 1419
Research on women's health: progress and opportunities [Pinn] 1407
Robert Langer, ScD—engineering medicine [Friedrich] 1609
Schizophrenia forum, health agencies update [Hampton] 3075
Socioeconomic status in health research: one size does not fit all [Braveman] 2879
Stem cell research: paths to cancer therapies and regenerative medicine [Weissman] 1359
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327
US biomedical research: basic, translational, and clinical sciences [Zerhouni] 1352
Use of stories in clinical research and health policy [Steiner] 2901

Respiration, Artificial
Noninvasive ventilation in acute cardiogenic pulmonary edema: systematic review and meta-analysis [Masip] 3124
Prognosis and decision making in severe stroke [Holloway] 725
Ventilatory management of acute lung injury and acute respiratory distress syndrome [Fan] 2889

Respiratory Distress Syndrome, Acute
Effect of prone positioning on clinical outcomes in children with acute lung injury: a randomized controlled trial [Curley] 229
Prone positioning in children with acute lung injury (letter) [Branco] (reply) [Curley] 2297
Prone positioning in children with ARDS: positive reflections on a negative clinical trial [Kavanagh] 248
Surfactant and pediatric acute lung injury (letter) [Hunt] 898 (reply) [Willson] 899
Ventilatory management of acute lung injury and acute respiratory distress syndrome [Fan] 2889

Respiratory Insufficiency
Neurological and neuromuscular disease as a risk factor for respiratory failure in children hospitalized with influenza infection [Keren] 2188

Respiratory Tract Diseases
Equine influenza jumps to canines [Hampton] 2015
Secondhand smoke effects, health agencies update [Hampton] 2016

Respiratory Tract Infections
Antibiotic prescribing for low respiratory tract infection (letter) [Jimbo] 3089 (reply) [Little] 3090
Antibiotic prescribing for lower respiratory tract infection (letter) [Stapczynski] (reply) [Ebell] 2032
Clinical decision support and appropriateness of antimicrobial prescribing: a randomized trial [Samore] 2305
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
New respiratory virus, the world in medicine [Stephenson] 1331

Restaurants
State smoking restrictions for private-sector worksites, restaurants, and bars—United States, 1998 and 2004, from CDC, 1202

Retinal Diseases
Inflammation suspected in eye disorders [Kuehn] 31

REVIEWS
Coffee consumption and risk of type 2 diabetes: a systematic review [van Dam] 97
Duration of anticoagulation following venous thromboembolism: a meta-analysis [Ost] 706
Effects of work hour reduction on residents' lives: a systematic review [Fletcher] 1088
Impact of the pulmonary artery catheter in critically ill patients: meta-analysis of randomized clinical trials [Shah] 1664
Noninvasive ventilation in acute cardiogenic pulmonary edema: systematic review and meta-analysis [Masip] 3124
Plasma fibrinogen level and the risk of major cardiovascular diseases and nonvascular mortality: an individual participant meta-analysis [Fibrinogen Studies Collaboration] 1799; correction, 2848
Predisplacement and postdisplacement factors associated with mental health of refugees and internally displaced persons: a meta-analysis [Porter] 602
Randomized trials stopped early for benefit: a systematic review [Montori] 2203
Risk of death with atypical antipsychotic drug treatment for dementia: meta-analysis of randomized placebo-controlled trials [Schneider] 1934
Sirolimus-eluting stents vs paclitaxel-eluting stents in patients with coronary artery disease: meta-analysis of randomized trials [Kastrati] 819
Suicide prevention strategies: a systematic review [Mann] 2064

Rheumatoid Arthritis see Arthritis, Rheumatoid

Rice see *Oryza sativa*

Ricin
Ricin poisoning: a comprehensive review [Audi] 2342

Risk Assessment
Antipsychotic drugs in dementia: what should be made of the risks? [Rabins] 1963
Dietary fiber intake and risk of colorectal cancer: a pooled analysis of prospective cohort studies [Park] 2849
Experts address risk of physician suicide [Hampton] 1189
Fish oil supplementation and arrhythmias (letter) [Strauss] (reply) [Raitt] 2165
Hair dye use and non-Hodgkin lymphoma (letter) [Zahm] (reply) [Takkouche] 1205
Incidence of end-stage renal disease in patients with type 1 diabetes [Finne] 1782
Manifestations of chronic disease during pregnancy [Kaaja] 2751
Operating characteristics of prostate-specific antigen in men with an initial PSA level of 3.0 ng/mL or lower [Thompson] 66
Pregnancy characteristics and maternal risk of breast cancer [Cnattingius] 2474
Pretreatment PSA velocity and risk of death from prostate cancer following external beam radiation therapy [D'Amico] 440
Primary prophylaxis with the implantable cardioverter-defibrillator: the need for improved risk stratification [Gehi] 958
Quantifying the federal minimal risk standard: implications for "nonbeneficial" pediatric research [Wendler] 826
Risk of death with atypical antipsychotic drug treatment for dementia: meta-analysis of randomized placebo-controlled trials [Schneider] 1934
Risk of pelvic fractures in older women following pelvic irradiation [Baxter] 2587
Risk of prostate cancer–specific mortality following biochemical recurrence after radical prostatectomy [Freedland] 433
Sibling cardiovascular disease as a risk factor for cardiovascular disease in middle-aged adults [Murabito] 3117

Risperidone
Risk of death with atypical antipsychotic drug treatment for dementia: meta-analysis of randomized placebo-controlled trials [Schneider] 1934

RNA
MicroRNAs move into cancer research [Hampton] 411

Robotics
Rehabilitation medicine welcomes a robotic revolution [Voelker] 1191

Rodent Diseases
Update: interim guidance for minimizing risk for human lymphocytic choriomeningitis virus infection associated with pet rodents, from CDC, 1613

Romano-Ward Syndrome
Genetic testing in the long QT syndrome: development and validation of an efficient approach to genotyping in clinical practice [Napolitano] 2975

Rosenbaum, David Howell (1908-1982)
JAMA cover of December 14, *Children at Play in Mantua* by David Howell Rosenbaum [Southgate] 2814

Routine Diagnostic Tests see Diagnostic Tests, Routine

Roux-en-Y Anastomosis see Anastomosis, Roux-en-Y

Rwanda
Women in Rwanda: another world is possible [Cohen] 613

S

SARS see Severe Acute Respiratory Syndrome

Schizophrenia
Accumulating evidence for prenatal nutritional origins of mental disorders [Neugebauer] 621
Rates of adult schizophrenia following prenatal exposure to the Chinese famine of 1959-1961 [St Clair] 557
Schizophrenia and the Chinese famine of 1959-1961 (letter) [Altschuler] (reply) [Neugebauer] 2968
Schizophrenia forum, health agencies update [Hampton] 3075

Schools
Acute illnesses associated with pesticide exposure at schools [Alarcon] 455; correction, 1208
Pesticide exposure at schools and acute illnesses (letter) [Kirrane] (reply) [Calvert] 2431

Schrock, Richard R. (1945-)
Nobels honor research on ulcer microbe, "green" drug production method [Kuehn] 2289

Schwitters, Kurt (1887-1948)
JAMA cover of July 6, *Construction for Noble Ladies* by Kurt Schwitters [Southgate] 15

Scintigraphy see Radionuclide Imaging

Security Measures
False alarms at airports, the world in medicine [Stephenson] 787

Sedation, Conscious see Conscious Sedation

September 11 Terrorist Attacks
Deliberate self-poisoning in Ontario following the terrorist attacks of September 11, 2001 (research letter) [Detsky] 1900
Terrorism assails nation's psyche [Lamberg] 544

Sequence Analysis, DNA
Realizing the promise of genomics in biomedical research [Guttmacher] 1399

Serotonin Reuptake Inhibitors
Neonatal signs after in utero exposure to selective serotonin reuptake inhibitors (letters) [Kaye, Lavenstein] 2299, 2300 (reply) [Moses-Kolko] 2300
Risks and benefits key to psychotropic use during pregnancy and postpartum period [Lamberg] 1604

Severe Acute Respiratory Syndrome
Bats may be SARS reservoir [Hampton] 2291
SARS clue, the world in medicine [Stephenson] 787

Sex Characteristics
Research on women's health: progress and opportunities [Pinn] 1407
Vitamin E and cardiovascular health: does sex matter? [Redberg] 107

Sexual Dysfunction
Circulating androgen levels and self-reported sexual function in women [Davis] 91
Self-reported sexual function in women and androgen levels (letter) [Dhatariya] 2167 (reply) [Davis] 2168

Sexually Transmitted Diseases
Cervical cancer prevention: making programs more appropriate and pragmatic [Blumenthal] 2225
Shigella flexneri serotype 3 infections among men who have sex with men—Chicago, Illinois, 2003-2004. from CDC, 2427
Syphilis rates rise among men: trends for other STDs mixed [Kuehn] 3072

Shigella flexneri
Shigella flexneri serotype 3 infections among men who have sex with men—Chicago, Illinois, 2003-2004. from CDC, 2427

Ships
Cruise-ship–associated Legionnaires disease, November 2003–May 2004,from CDC, 3080

Shock, Cardiogenic
Trends in management and outcomes of patients with acute myocardial infarction complicated by cardiogenic shock [Babaev] 448

Shock, Septic
Clostridium sordellii toxic shock syndrome after medical abortion with mifepristone and intravaginal misoprostol—United States and Canada, 2001-2005, from CDC, 1894

Sibling Relations
Sibling cardiovascular disease as a risk factor for cardiovascular disease in middle-aged adults [Murabito] 3117

Sickle Cell Anemia see Anemia, Sickle Cell

SIDS see Sudden Infant Death Syndrome

Sirolimus
Sirolimus-eluting stents vs paclitaxel-eluting stents in patients with coronary artery disease: meta-analysis of randomized trials [Kastrati] 819
Tirofiban plus sirolimus-eluting stent vs abciximab plus bare-metal stent (letters) [Osman, De Luca] 1616, 1617 (reply) [Valgimigli] 1617

Skeletal Muscle see Muscle, Skeletal

Skin Diseases
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Skin Neoplasms
Incidence of basal cell and squamous cell carcinomas in a population younger than 40 years [Christenson] 681
Skin cancer's ranks rise: immunosuppression to blame [Hampton] 1476
Sun exposure, sun protection, and vitamin D [Robinson] 1541
Slavery
Modern slavery a hidden crime in the US [Cole] 541
Sleep Deprivation
Effects of work hour reduction on residents' lives: a systematic review [Fletcher] 1088
Neurobehavioral performance of residents after heavy night call vs after alcohol ingestion [Arnedt] 1025
Work hours and reducing fatigue-related risk: good research vs good policy [Dawson] 1104
Sleep Initiation and Maintenance Disorders
Internet seen as clinical research tool [Mitka] 2290
Percentage of adults who reported an average of ≤6 hours of sleep per 24-hour period, by sex and age group—United States, 1985 and 2004, 2692
Treating chronic insomnia, health agencies update [Hampton] 418
Sleeping Sickness see Trypanosomiasis
Smallpox Vaccine
Adverse events associated with smallpox vaccination in the United States, January-October 2003 [Casey] 2734
Neurologic adverse events associated with smallpox vaccination in the United States, 2002-2004 [Sejvar] 2744; correction, 3092
Smoking
Annual smoking-attributable mortality, years of potential life lost, and productivity losses—United States, 1997-2001, from CDC, 788
Cigarette smoking among adults—United States, 2003, from CDC, 172
Erectile dysfunction and subsequent cardiovascular disease [Thompson] 2996
Insulin, glucose, insulin resistance, and pancreatic cancer in male smokers [Stolzenberg-Solomon] 2872
Preventing chronic disease, the world in medicine [Stephenson] 2423
Researchers discover a range of factors undermine sperm quality, male fertility [Hampton] 2829
Smoking cessation (letters) [Frankenberg, Kaufman] 2434 (reply) [Schroeder] 2435
State-specific prevalence of cigarette smoking and quitting among adults—United States, 2004, fom CDC, 2963
What to do with a patient who smokes [Schroeder] 482
Smoking Cessation
Could a novel vaccine help smokers quit? [Kuehn] 891
Effect of smoking reduction on lung cancer risk [Godtfredsen] 1505
Reducing the risk of lung cancer [Dacey] 1550
Smoking, Passive see Tobacco Smoke Pollution
Social Adjustment
Brain and behavior, health agencies update [Hampton] 893
Social Dominance
Role of environment in addiction probed [Kuehn] 2953
Social Justice
Psychiatric and cognitive effects of war in former Yugoslavia: association of lack of redress for trauma and posttraumatic stress reactions [Başoğlu] 580
Socioeconomic Factors
Feasibility of management of high-grade cervical lesions in a single visit: a randomized controlled trial [Brewster] 2182
Prospects for the future of child health through research [Feigin] 1373
Socioeconomic status in health research: one size does not fit all [Braveman] 2879
Sodium Nitrite
Methodological standards in human vs animal clinical trials (letter) [Heard] (reply) [Pluta] 40
Soft Drinks
Habitual caffeine intake and the risk of hypertension in women [Winkelmayer] 2330
Somatic Cell Hybrids see Hybrid Cells
Somatoform Disorders
New mind/body tactics target medically unexplained physical symptoms and fears [Lamberg] 2152
Sore Throat see Pharyngitis
Southern Blotting see Blotting, Southern
Southern, Edwin
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327
Spleen
Spleen, *JAMA* Patient Page [Brender] 2660
Splenectomy
Hospital characteristics associated with the management of pediatric splenic injuries [Bowman] 2611
Splenic Injuries
Hospital characteristics associated with the management of pediatric splenic injuries [Bowman] 2611
Sports Medicine
Climbing a triassic Mount Everest: into thinner air (research letter) [Huey] 1761
Medical and legal issues impacting the cardiovascular evaluation of competitive athletes [Paterick] 3011
Standardized Patients
Standardized patients, *JAMA* Patient Page [Brender] 1172
Staphylococcus aureus
Endocarditis from *Staphylococcus aureus* (letters) [Chikamori, Lorber] (reply) [Fowler] 2972
Staph genes studied, health agencies update [Hampton] 2016
Statins, HMG-CoA see Hydroxymethylglutaryl-CoA Reductase Inhibitors
Steen, Jan (1626-1679)
JAMA cover of November 23/30, *As the Old Ones Sing, So the Young Ones Pipe* by Jan Steen [Southgate] 2544
Stem Cell Transplantation
Adrenoleukodystrophy: new approaches to a neurodegenerative disease [Moser] 3131
Prospects for the future of child health through research [Feigin] 1373
Stem Cells
Advances aim to ease stem cell concerns [Kuehn] 2557
Contentious vote deferred, capitol health call [Mitka] 2833
Genetic flaws found in aging stem cell lines [Kuehn] 1883
Lasker Foundation and recognition of scientific excellence [Edwards] 1422
Stem cell research: paths to cancer therapies and regenerative medicine [Weissman] 1359
Stem cells created from somatic cells [Kuehn] 1475
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327
Stents
Comparison of a polymer-based paclitaxel-eluting stent with a bare metal stent in patients with complex coronary artery disease: a randomized controlled trial [Stone] 1215
Paclitaxel-eluting stents in complex lesions [Colombo] 1268
Routine vs selective invasive strategies in acute coronary syndromes (letters) [Bavry, Carbajal] 2844, 2845 (reply) [Mehta] 2845
Sirolimus-eluting stents vs paclitaxel-eluting stents in patients with coronary artery disease: meta-analysis of randomized trials [Kastrati] 819
Tirofiban plus sirolimus-eluting stent vs abciximab plus bare-metal stent (letters) [Osman, De Luca] 1616, 1617 (reply) [Valgimigli] 1617
Steroids
Researchers discover a range of factors undermine sperm quality, male fertility [Hampton] 2829
Stomach Neoplasms
Lasker awards: celebrating scientific discovery [Marshall] 1420
Stomach Ulcer
Lasker awards: celebrating scientific discovery [Marshall] 1420
Nobels honor research on ulcer microbe, "green" drug production method [Kuehn] 2289
Streptococcal Infections
Antibiotic treatment of children with sore throat [Linder] 2315
Appropriate use of antimicrobial drugs: a better prescription is needed [Weber] 2354
Immunological memory: the role of B cells in long-term protection against invasive bacterial pathogens [Kelly] 3019
Stress Disorders, Posttraumatic
As tsunami recovery proceeds, experts ponder lessons for future disasters [Lamberg] 889
Katrina's impact on mental health likely to last years [Voelker] 1599
Mental health of Cambodian refugees 2 decades after resettlement in the United States [Marshall] 571
Psychiatric and cognitive effects of war in former Yugoslavia: association of lack of redress for trauma and posttraumatic stress reactions [Başoğlu] 580
Refugee mental health, *JAMA* Patient Page [Ringold] 646
Terrorism assails nation's psyche [Lamberg] 544
Stress, Oxidative see Oxidative Stress
Stress, Psychological
Deliberate self-poisoning in Ontario following the terrorist attacks of September 11, 2001 (research letter) [Detsky] 1900
Earthquakes and Takotsubo cardiomyopathy (letter) [Gnecchi-Ruscone] (reply) [Watanabe] 2169
Experts address risk of physician suicide [Hampton] 1189
Impact of earthquake on Takotsubo cardiomyopathy (research letter) [Watanabe] 305
Suicide prevention strategies: a systematic review [Mann] 2064
Stroke
Disparities in deaths from stroke among persons aged <75 years—United States, 2002, from CDC, 299
Effect of muraglitazar on death and major adverse cardiovascular events in patients with type 2 diabetes mellitus [Nissen] 2581
Folate and vitamin B_{12} for hip fracture prevention after stroke (letter) [Sugiyama] 791 (reply) [Sato] 792
Patent foramen ovale closure devices: moving beyond equipoise [Maisel] 366
Plasma fibrinogen level and the risk of major cardiovascular diseases and nonvascular mortality: an individual participant meta-analysis [Fibrinogen Studies Collaboration] 1799; correction, 2848
Prognosis and decision making in severe stroke [Holloway] 725
Role of vitamin E in the prevention of cardiovascular disease and cancer (letter) [Punnam] (reply) [Lee] 2432
Selling safety—lessons from muraglitazar [Brophy] 2633
Trends in the leading causes of death in the United States, 1970-2002 [Jemal] 1255
Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56
Substance Abuse, Intravenous
Update: syringe exchange programs—United States, 2002, from CDC, 1892
Substance Withdrawal Syndrome
Anesthesia-assisted vs buprenorphine- or clonidine-assisted heroin detoxification and naltrexone induction: a randomized trial [Collins] 903
Methods of detoxification and their role in treating patients with opioid dependence [O'Connor] 961
Some surprises, some answers, and more questions about hormone therapy: further findings from the Women's Health Initiative [Petitti] 245
Substance-Related Disorders
Anesthesia-assisted vs buprenorphine- or clonidine-assisted heroin detoxification and naltrexone induction: a randomized trial [Collins] 903
Atypical reactions associated with heroin use—five states, January-April 2005, from CDC, 2424
Limit lifted, capitol health call [Mitka] 1752
Methadone treatment marks 40 years [Kuehn] 887
Methods of detoxification and their role in treating patients with opioid dependence [O'Connor] 961
Naltrexone treatment for alcohol dependency (letter) [Ameisen] 899 (reply) [Garbutt] 900
Office-based treatment for opioid addiction achieving goals [Kuehn] 784
Physician substance abuse (letter) [Satel] 426 (reply) [Gastfriend] 427
Role of environment in addiction probed [Kuehn] 2953
Sudan
Agencies speak out on rape in Darfur [Hampton] 542
Sudden Infant Death Syndrome
Policy targets lowering SIDS incidence [Mitka] 2420
Suffocation see Asphyxia
Suicide
Cognitive therapy and preventing suicide attempts (letters) [Filion, Tepper] 2847 (reply) [Brown] 2848
Cognitive therapy for the prevention of suicide attempts: a randomized controlled trial [Brown] 563
Experts address risk of physician suicide [Hampton] 1189
Iatrogenic risk of screening for youth suicide (letter) [Schlenger] 2578 (reply) 2579
Mental illness and violent death: major issues for public health [Cole] 623
Mental illness takes heavy toll on youth [Kuehn] 293
Suicide prevention strategies: a systematic review [Mann] 2064
Suicide, Attempted
Deliberate self-poisoning in Ontario following the terrorist attacks of September 11, 2001 (research letter) [Detsky] 1900
Sunlight
Sun exposure, sun protection, and vitamin D [Robinson] 1541
Sunscreening Agents
Sun exposure, sun protection, and vitamin D [Robinson] 1541
Supreme Court Decisions
Supreme Court's influence on medicine and health: the Rehnquist court, 1986-2005 [Gostin] 1685
Surgical Wound Infection
Increasing inspired oxygen to decrease surgical site infection: time to shift the quality improvement research paradigm [Dellinger] 2091
Supplemental perioperative oxygen and the risk of surgical wound infection: a randomized controlled trial [Belda] 2035; correction, 2973
Survival Rate
Cancer survivors need better care: new report makes recommendations [Hampton] 2959
Cancer treatment's trade-off: years of added life can have long-term costs [Hampton] 167
Comorbidity and survival disparities among black and white patients with breast cancer [Tammemagi] 1765
Swan-Ganz Catheterization see Catheterization, Swan-Ganz
Syphilis
Syphilis rates rise among men: trends for other STDs mixed [Kuehn] 3072
Syringe-Exchange Programs see Needle-Exchange Programs

T

Tachycardia
Prophylactic oral amiodarone for the prevention of arrhythmias that begin early after revascularization, valve replacement, or repair: PAPABEAR: a randomized controlled trial [Mitchell] 3093
Prophylaxis against postoperative atrial fibrillation: current progress and future directions [Podgoreanu] 3140
Takotsubo Cardiomyopathy
Earthquakes and Takotsubo cardiomyopathy (letter) [Gnecchi-Ruscone] (reply) [Watanabe] 2169
Impact of earthquake on Takotsubo cardiomyopathy (research letter) [Watanabe] 305
Tamoxifen
Clinical trials point to complexities of chemoprevention for cancer [Hampton] 29
Technology, Medical
Technology licensing: lessons from the US experience [Sobolski] 3137
Technology Transfer
Efficiency in the health care industries: a view from the outside [Grove] 490
Technology licensing: lessons from the US experience [Sobolski] 3137
Telomerase
Relevance of urine telomerase in the diagnosis of bladder cancer [Sanchini] 2052
Terminal Care
Beyond advance directives: importance of communication skills at the end of life [Tulsky] 359
Controlling for patient case mix at the end of life: issues in identifying cause of death (research letter) [Richardson] 793
Improving use of hospice services in nursing homes: a randomized controlled trial [Casarett] 211
Palliative sedation in dying patients: "we turn to it when everything else hasn't worked" [Lo] 1810
Terrorism
Brief report: terrorism and emergency preparedness in state and territorial public health departments—United States, 2004, from CDC, 549
Deliberate self-poisoning in Ontario following the terrorist attacks of September 11, 2001 (research letter) [Detsky] 1900
Terrorism assails nation's psyche [Lamberg] 544
Testosterone
Circulating androgen levels and self-reported sexual function in women [Davis] 91
Hormone changes in aging adults probed [Trubo] 663
Thailand
Multidrug-resistant tuberculosis in Hmong refugees resettling from Thailand into the United States, 2004-2005, from CDC, 1753
Thoracic Surgery
Left atrial radiofrequency ablation during mitral valve surgery for continuous atrial fibrillation: a randomized controlled trial [Doukas] 2323
Making sense of the maze: which patients with atrial fibrillation will benefit? [Sundt] 2357
Thoracotomy
Endoscopic ultrasound added to mediastinoscopy for preoperative staging of patients with lung cancer [Annema] 931
Thromboembolism
Continuing anticoagulation following venous thromboembolism (letter) [Krakow] (reply) [Ost] 3088
Duration of anticoagulation following venous thromboembolism: a meta-analysis [Ost] 706
Thrombolytic Therapy
Abciximab in the treatment of ST-segment elevation myocardial infarction (letter) [Tan] 1760 (reply) [De Luca] 1761
Clopidogrel for percutaneous coronary revascularization: time for more pretreatment, retreatment, or both? [Moliterno] 1271
Continuing anticoagulation following venous thromboembolism (letter) [Krakow] (reply) [Ost] 3088
Duration of anticoagulation following venous thromboembolism: a meta-analysis [Ost] 706
Effect of clopidogrel pretreatment before percutaneous coronary intervention in patients with ST-elevation myocardial infarction treated with fibrinolytics: the PCI-CLARITY Study [Sabatine] 1224
Relationship between time of day, day of week, timeliness of reperfusion, and in-hospital mortality for patients with acute ST-segment elevation myocardial infarction [Magid] 803
Thrombophilia
Clinical factors and recurrent venous thrombotic events (letter) [Flansbaum] (reply) [Cannegieter] 1489
Manifestations of chronic disease during pregnancy [Kaaja] 2751
Thrombophlebitis
Thrombophlebitis, *JAMA* Patient Page [Torpy] 762
Thyroid-Stimulating Hormone see Thyrotropin
Thyrotropin
Hormone changes in aging adults probed [Trubo] 663
Thyroxine
Thyroid function and mortality in patients treated for hyperthyroidism [Franklyn] 71
Till, James
2005 Lasker awards honor groundbreaking biomedical research, public service [Kuehn] 1327
Time Factors
Circadian rhythms and reperfusion in patients with acute ST-segment elevation myocardial infarction (letter) [Manfredini] 2846 (reply) [Magid] 2847
Mechanical reperfusion more than 12 hours after acute myocardial infarction (letters) [Rubin, Kanna, Schömig] 2030, 2031
Relationship between time of day, day of week, timeliness of reperfusion, and in-hospital mortality for patients with acute ST-segment elevation myocardial infarction [Magid] 803
Tirofiban
Tirofiban plus sirolimus-eluting stent vs abciximab plus bare-metal stent (letters) [Osman, De Luca] 1616, 1617 (reply) [Valgimigli] 1617
Tissue Donors
Clinical results from transplanting incompatible live kidney donor/recipient pairs using kidney paired donation [Montgomery] 1655
Deceased-donor characteristics and the survival benefit of kidney transplantation [Merion] 2726
Importance of innovative efforts to increase organ donation [Matas] 1691
Tissue Engineering
Robert Langer, ScD—engineering medicine [Friedrich] 1609
Tobacco Smoke Pollution
Secondhand smoke effects, health agencies update [Hampton] 2016
State smoking restrictions for private-sector worksites, restaurants, and bars—United States, 1998 and 2004, from CDC, 1202
Tobacco Use Disorder
Could a novel vaccine help smokers quit? [Kuehn] 891
Smoking cessation (letters) [Frankenberg, Kaufman] 2434 (reply) [Schroeder] 2435
What to do with a patient who smokes [Schroeder] 482
Tocopherols
Vitamin E supplementation, cardiovascular events, and cancer (letters) [Gaby, Jarski, Richey] 425 (reply) [Lonn] 426
Tomography, Electron-Beam Computed
Electron-beam computed tomography for coronary calcium: a useful test to screen for coronary heart disease? [Mozaffarian] 2897
Tomography, Positron-Emission see Positron-Emission Tomography
Tomography, X-ray Computed
Clinical decision instruments for CT scanning in minor head injury [Haydel] 1551
Comparison of the Canadian CT head rule and the New Orleans criteria in patients with minor head injury [Stiell] 1511
Coronary angiography with multislice computed tomography (letter) [Dewey] (reply) [Hoffmann] 2298
External validation of the Canadian CT head rule and the New Orleans criteria for CT scanning in patients with minor head injury [Smits] 1519
Tonsillitis
Antibiotic treatment of children with sore throat [Linder] 2315
Appropriate use of antimicrobial drugs: a better prescription is needed [Weber] 2354
Torture
Coercive US interrogation policies: a challenge to medical ethics [Rubenstein] 1544
Physicians condemn torture, capitol health call [Mitka] 2833
Toxic Shock Syndrome see Shock, Septic
Transdermal Administration see Administration, Cutaneous
Transforming Growth Factor β
Somatic acquisition and signaling of *TGFBR1*6A* in cancer [Pasche] 1634
Transforming Growth Factors
Genes help unravel Marfan pathology, point way to potential new therapies [Kuehn] 1745
Transplantation, Autologous
Efficacy and safety of edifoligide, an E2F transcription factor decoy, for prevention of vein graft failure following coronary artery bypass graft surgery: PREVENT IV: a randomized controlled trial [PREVENT IV Investigators] 2446
Transportation
Barriers to children walking to or from school—United States, 2004, from CDC, 2160
Transportation of Patients
Access to trauma centers (letter) [Davis] 1759 (reply) [Branas] 1760
Acute coronary syndromes and regionalization of care (letter) [Haynes] (reply) [Rathore] 304
Travel
Cruise-ship–associated Legionnaires disease, November 2003–May 2004,from CDC, 3080
Import-associated measles outbreak—Indiana, May-June 2005, from CDC, 2691
Multidrug-resistant tuberculosis in Hmong refugees resettling from Thailand into the United States, 2004-2005, from CDC, 1753
Travel-associated dengue infections—United States, 2001-2004, from CDC, 421
Trichloroethylene
Human skeletal muscle as a target organ of trichloroethylene toxicity (research letter) [Vattemi] 554
Trypanosoma
Decoding parasite genomes, the world in medicine [Stephenson] 787
Trypanosomiasis
Decoding parasite genomes, the world in medicine [Stephenson] 787
Tsunami see Natural Disasters
Tuberculosis
Infectious disease and dermatologic conditions in evacuees and rescue workers after Hurricane Katrina—multiple states, August-September, 2005, from CDC, 2158
Multidrug-resistant tuberculosis in Hmong refugees resettling from Thailand into the United States, 2004-2005, from CDC, 1753
Tuberculosis Vaccines
TB vaccine boost, the world in medicine [Stephenson] 1331
Twins Seven Seven (1944-)
JAMA cover of October 5, *Healing of Abiku Children* by Twins Seven Seven [Southgate] 1591

U

Ultrasonography
Ovarian cancer tests, health agencies update [Hampton] 3075
Ultrasonography, Endoscopic see Endosonography
Ultraviolet Rays
Sun exposure, sun protection, and vitamin D [Robinson] 1541
Unintentional Falls
Number of injury deaths, by mechanism and intent—United States, 2002, 550
United Kingdom see Great Britain
United Nations
Coercive US interrogation policies: a challenge to medical ethics [Rubenstein] 1544
United States
Adverse events associated with smallpox vaccination in the United States, January-October 2003 [Casey] 2734
Annual smoking-attributable mortality, years of potential life lost, and productivity losses—United States, 1997-2001, from CDC, 788
Brief report: terrorism and emergency preparedness in state and territorial public health departments—United States, 2004, from CDC, 549
Cigarette smoking among adults—United States, 2003, from CDC, 172
Disparities in deaths from stroke among persons aged <75 years—United States, 2002, from CDC, 299
Educational programs in US medical schools, 2004-2005 [Barzansky] 1068
Federal funding and supportive policies for research [Porter] 1385
Impact of varicella vaccination on health care utilization [Zhou] 797
Incidence of end-stage renal disease among persons with diabetes—United States, 1990-2002, from CDC, 2962
Incidence of hepatitis A in the United States in the era of vaccination [Wasley] 194
Medical research activities, funding, and creativity in Europe: comparison with research in the United States [Philipson] 1394
Medical schools in the United States, 1119
Mental health in the United States: health care and well being of children with chronic emotional, behavioral, or developmental problems—United States, 2001, from CDC, 2567
Mental health in the United States: prevalence of diagnosis and medication treatment for attention-deficit/hyperactivity disorder—United States, 2003, from CDC, 2293
Mental illness takes heavy toll on youth [Kuehn] 293
Modern slavery a hidden crime in the US [Cole] 541
Multidrug-resistant tuberculosis in Hmong refugees resettling from Thailand into the United States, 2004-2005, from CDC, 1753
National, state, and urban area vaccination coverage among children aged 19-35 months—United States, 2004, from CDC, 1485
Neurologic adverse events associated with smallpox vaccination in the United States, 2002-2004 [Sejvar] 2744; correction, 3092
Number of injury deaths, by mechanism and intent—United States, 2002, 550
Positive test results for acute hepatitis A virus infection among persons with no recent history of acute hepatitis—United States, 2002-2004, from CDC, 894
Preventable measles among U.S. residents, 2001-2004, from CDC, 1755

Racial/ethnic disparities in infant mortality—United States, 1995-2002, from CDC, 298
Readiness of local public health agencies to respond to bioterrorism questioned [Mitka] 1884
Recommended adult immunization schedule—United States, October 2005–September 2006, from CDC, 2569
Role of the urban academic medical center in US health care [Hill] 2219
Self-reported asthma among high school students—United States, 2003, from CDC, 1891
Single-payer health systems and statistics (letter) [Starfield] 43 (reply) [Orient] 44
State smoking restrictions for private-sector worksites, restaurants, and bars—United States, 1998 and 2004, from CDC, 1202
State-specific prevalence of cigarette smoking and quitting among adults—United States, 2004, from CDC, 2963
Supreme Court's influence on medicine and health: the Rehnquist court, 1986-2005 [Gostin] 1685
Syphilis rates rise among men: trends for other STDs mixed [Kuehn] 3072
Travel-associated dengue infections—United States, 2001-2004, from CDC, 421
Trends in HIV/AIDS diagnoses—33 states, 2001-2004, from CDC, 3076
Trends in hospitalizations for pneumonia among persons aged 65 years or older in the United States, 1988-2002 [Fry] 2712
Trends in the leading causes of death in the United States, 1970-2002 [Jemal] 1255
US biomedical research: basic, translational, and clinical sciences [Zerhouni] 1352
US graduate medical education, 2004-2005: trends in primary care specialties [Brotherton] 1075
United States Department of Defense
Coercive US interrogation policies: a challenge to medical ethics [Rubenstein] 1544
United States Department of Veterans Affairs
Veterans' budget gap, capitol health call [Kuehn] 673
United States Environmental Protection Agency
Medical groups sue EPA over mercury rule [Kuehn] 415
United States Food and Drug Administration
Cosmetic lenses scrutinized, capitol health call [Mitka] 1752
Crawford to lead FDA, capitol health call [Kuehn] 1201
FDA official resigns, health agencies update [Hampton] 1481
Plan B deferred, capitol health call [Mitka] 1752
RADAR project and the FDA (letter) [Trontell] (reply) [Bennett] 1206
Resignation inquiry, capitol health call [Mitka] 2292
Why America needs a strong FDA [Markel] 2489
United States Supreme Court see Supreme Court Decisions
Universities
Grant probe urged, capitol health call [Mitka] 2292
Urban Health
National, state, and urban area vaccination coverage among children aged 19-35 months—United States, 2004, from CDC, 1485
Role of the urban academic medical center in US health care [Hill] 2219
Urinalysis
Relevance of urine telomerase in the diagnosis of bladder cancer [Sanchini] 2052
Urinary Incontinence
Estrogen, progestin, and urinary incontinence (letter) [Blackwell] 2696 (reply) [Hendrix] 2697

V

Vaccines
Could a novel vaccine help smokers quit? [Kuehn] 891
Immunological memory: the role of B cells in long-term protection against invasive bacterial pathogens [Kelly] 3019
Malaria vaccine clue, health agencies update [Hampton] 418
Vaccines against Ebola and Marburg viruses show promise in primate studies [Hampton] 163
Vaginal Smears
Feasibility of management of high-grade cervical lesions in a single visit: a randomized controlled trial [Brewster] 2182
21-year-old woman with atypical squamous cells of undetermined significance [Sawaya] 2210
Valerian
Internet seen as clinical research tool [Mitka] 2290
Vallotton, Félix (1865-1925)
JAMA cover of November 16, *The Sick Patient* by Félix Vallotton [Southgate] 2402
Valproic Acid
Novel lupus therapies show promise [Kuehn] 2960
van Gogh, Vincent (1853-1890)
JAMA cover of August 3, *Sunflowers* by Vincent van Gogh [Southgate] 529
Vaporizers see Nebulizers and Vaporizers
VAQTA
FDA approval of VAQTA (hepatitis A vaccine, inactivated) for children aged ≥1 year, from CDC, 2296
Varicella see Chickenpox
Varicella Vaccine see Chickenpox Vaccine
Vasomotor System
Some surprises, some answers, and more questions about hormone therapy: further findings from the Women's Health Initiative [Petitti] 245
Symptom experience after discontinuing use of estrogen plus progestin [Ockene] 183
Vasospasm, Intracranial
Methodological standards in human vs animal clinical trials (letter) [Heard] (reply) [Pluta] 40
Vegetables
Dietary fiber and colorectal cancer: an ongoing saga [Baron] 2904
Dietary fiber intake and risk of colorectal cancer: a pooled analysis of prospective cohort studies [Park] 2849
Of cabbages and cancer, the world in medicine [Stephenson] 2961
Venous Thrombosis
Clinical factors and recurrent venous thrombotic events (letter) [Flansbaum] (reply) [Cannegieter] 1489
Continuing anticoagulation following venous thromboembolism (letter) [Krakow] (reply) [Ost] 3088
Duration of anticoagulation following venous thromboembolism: a meta-analysis [Ost] 706
Thrombophlebitis, *JAMA* Patient Page [Torpy] 762
Ventilation, Mechanical see Respiration, Artificial
Violence
Binge drinking and violence [Brewer] 616
Family violence research: lessons learned and where from here? [MacMillan] 618
Virginia
Human exposure to mosquito-control pesticides—Mississippi, North Carolina, and Virginia, 2002 and 2003, from CDC, 419
Vitamin B_{12}
Folate and vitamin B_{12} for hip fracture prevention after stroke (letter) [Sugiyama] 791 (reply) [Sato] 792
Vitamin C see Ascorbic Acid
Vitamin D
Relationship between serum parathyroid hormone levels, vitamin D sufficiency, and calcium intake [Steingrimsdottir] 2336
Sun exposure, sun protection, and vitamin D [Robinson] 1541
Vitamin D, *JAMA* Patient Page [Brender] 2386
Vitamin E
Clinical trials point to complexities of chemoprevention for cancer [Hampton] 29
Dietary intake of antioxidants and risk of age-related macular degeneration [van Leeuwen] 3101
Essential nutrients: food or supplements? where should the emphasis be? [Lichtenstein] 351
Low-dose aspirin and vitamin E: challenges and opportunities in cancer prevention [Jacobs] 105
Role of vitamin E in the prevention of cardiovascular disease and cancer (letter) [Purnam] (reply) [Lee] 2432
Studies probe diet's role in eye disease [Kuehn] 32
Vitamin E and cardiovascular health: does sex matter? [Redberg] 107
Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56
Vitamin E supplementation, cardiovascular events, and cancer (letters) [Gaby, Jarski, Richey] 425 (reply) [Lonn] 426
Voluntary Health Agencies
Volunteering overseas gives physicians a measure of adventure and altruism [Mitka] 671
von Wittkamp, Andrew L. (?-1897)
JAMA cover of October 19, *Black Cat on a Chair* by Andrew L. von Wittkamp [Southgate] 1867

W

Waist-Hip Ratio
Obesity's role in heart disease requires apples and pears comparison [Mitka] 3071
Walking
Barriers to children walking to or from school—United States, 2004, from CDC, 2160
War
Psychiatric and cognitive effects of war in former Yugoslavia: association of lack of redress for trauma and posttraumatic stress reactions [Başoğlu] 580
Women in Rwanda: another world is possible [Cohen] 613
Warren, J. Robin (1937-)
Nobels honor research on ulcer microbe, "green" drug production method [Kuehn] 2289
Wasting Syndrome
Assessment of severe malnutrition in rural Kenyan children: comparison of weight for height and mid upper arm circumference [Berkley] 591
Severe malnutrition assessment in children in rural Kenya (letter) [Hogness] (reply) 2577
Weight Loss
Filling the gaps in bariatric surgical research [Courcoulas] 1957; correction, 2848
Hospitalization before and after gastric bypass surgery [Zingmond] 1918
Trends in bariatric surgical procedures [Santry] 1909
Weighing in on bariatric surgery: procedure use, readmission rates, and mortality [Wolfe] 1960
Weight-loss surgeries up, health agencies update [Hampton] 893
Whooping Cough
Antibiotic prescribing for low respiratory tract infection (letter) [Jimbo] 3089 (reply) [Little] 3090
Williams Syndrome
Brain and behavior, health agencies update [Hampton] 893
Withdrawal Symptoms see Substance Withdrawal Syndrome
Withholding Treatment
Prognosis and decision making in severe stroke [Holloway] 725
Women, Working
Relief for women scientists, the world in medicine [Stephenson] 297
Women's Health
Agencies speak out on rape in Darfur [Hampton] 542
BRCA mutations and ductal carcinoma in situ (letter) [Foulkes] 553 (reply) [Claus] 554; correction, 1491
Cervical cancer, health agencies update [Hampton] 893
Cervical cancer prevention: making programs more appropriate and pragmatic [Blumenthal] 2225
Circulating androgen levels and self-reported sexual function in women [Davis] 91
Clostridium sordellii toxic shock syndrome after medical abortion with mifepristone and intravaginal misoprostol—United States and Canada, 2001-2005, from CDC, 1894
Comorbidity and survival disparities among black and white patients with breast cancer [Tammemagi] 1765
Duration of lactation and incidence of type 2 diabetes [Stuebe] 2601
Earthquakes and Takotsubo cardiomyopathy (letter) [Gnecchi-Ruscone] (reply) [Watanabe] 2169
Estrogen, progestin, and urinary incontinence (letter) [Blackwell] 2696 (reply) [Hendrix] 2697
Evidence-based guidelines needed for osteoporosis screening and treatment [Kuehn] 34
Family physicians and options for childbirth care (letter) [Day] (reply) [Glass] 793
FDA official resigns, health agencies update [Hampton] 1481
Feasibility of management of high-grade cervical lesions in a single visit: a randomized controlled trial [Brewster] 2182
Fetal pain: a systematic multidisciplinary review of the evidence [Lee] 947
Genetic testing in an ethnically diverse cohort of high-risk women: a comparative analysis of *BRCA1* and *BRCA2* mutations in American families of European and African ancestry [Nanda] 1925
Habitual caffeine intake and the risk of hypertension in women [Winkelmayer] 2330
Helminth infection during pregnancy and development of infantile eczema (research letter) [Elliott] 2032
HIV screening advice, health agencies update [Hampton] 418
Isotretinoin risks, health agencies update [Hampton] 1481
Life-threatening complications from doxorubicin-docetaxel chemotherapy for breast cancer (letter) [Martin] (reply) [Brain] 2166
Low-dose aspirin and vitamin E: challenges and opportunities in cancer prevention [Jacobs] 105
Low-dose aspirin in the primary prevention of cancer: the Women's Health Study: a randomized controlled trial [Cook] 47
Manifestations of chronic disease during pregnancy [Kaaja] 2751
Non–HDL cholesterol, apolipoproteins A-I and B_{100}, standard lipid measures, lipid ratios, and CRP as risk factors for cardiovascular disease in women [Ridker] 326
Ovarian cancer inspires art exhibit [Lamberg] 2831
Ovarian cancer tests, health agencies update [Hampton] 3075
Palliative sedation in dying patients: "we turn to it when everything else hasn't worked" [Lo] 1810
Possible child-to-mother transmission of HIV by breastfeeding [Visco-Comandini] 2301
Postradiotherapy pelvic fractures: cause for concern or opportunity for future research? [Small] 2635
Pregnancy characteristics and maternal risk of breast cancer [Cnattingius] 2474
Racial differences in *BRCA* testing (letter) [Alford] (reply) [Armstrong] 677
Research on women's health: progress and opportunities [Pinn] 1407
Risk factors for cardiovascular disease in women (letters) [Sniderman, Vos] 2843 (reply) [Ridker] 2844
Risk of pelvic fractures in older women following pelvic irradiation [Baxter] 2587
Risks and benefits key to psychotropic use during pregnancy and postpartum period [Lamberg] 1604

Role of vitamin E in the prevention of cardiovascular disease and cancer (letter) [Punnam] (reply) [Lee] 2432
Screen-and-treat approaches for cervical cancer prevention in low-resource settings: a randomized controlled trial [Denny] 2173
Self-reported sexual function in women and androgen levels (letter) [Dhatariya] 2167 (reply) [Davis] 2168
Some surprises, some answers, and more questions about hormone therapy: further findings from the Women's Health Initiative [Petitti] 245
Symptom experience after discontinuing use of estrogen plus progestin [Ockene] 183
38-year-old woman with fetal loss and hysterectomy [Sachs] 833
Tumor-induced osteomalacia [Jan de Beur] 1260
21-year-old woman with atypical squamous cells of undetermined significance [Sawaya] 2210
Vitamin E and cardiovascular health: does sex matter? [Redberg] 107
Vitamin E and prevention of cardiovascular disease and cancer: the Women's Health Study: a randomized controlled trial [Lee] 56
Woman gives birth after ovary transplant [Kuehn] 33
Women in Rwanda: another world is possible [Cohen] 613
Workload
Effects of work hour reduction on residents' lives: a systematic review [Fletcher] 1088
Neurobehavioral performance of residents after heavy night call vs after alcohol ingestion [Arnedt] 1025
Reforming graduate medical education [Ludmerer] 1083
Work hours and reducing fatigue-related risk: good research vs good policy [Dawson] 1104
World Health
Agencies speak out on rape in Darfur [Hampton] 542
As tsunami recovery proceeds, experts ponder lessons for future disasters [Lamberg] 889
Assessment of severe malnutrition in rural Kenyan children: comparison of weight for height and mid upper arm circumference [Berkley] 591
Avian flu spread, the world in medicine [Stephenson] 1331
Bats may be SARS reservoir [Hampton] 2291
Bird flu plan, the world in medicine [Stephenson] 787
Chernobyl's deadly legacy, the world in medicine [Stephenson] 1890
Consensus and controversy in clinical research ethics [Brody] 1411
Curbing malaria with fungi, the world in medicine [Stephenson] 297
Decoding parasite genomes, the world in medicine [Stephenson] 787
Deliberate self-poisoning in Ontario following the terrorist attacks of September 11, 2001 (research letter) [Detsky] 1900
Drug-resistant avian flu, the world in medicine [Stephenson] 2423
Efforts to meet world health goals lag [Mitka] 1600
Emerging diseases, the world in medicine [Stephenson] 1890
European researchers, drug companies join forces against rare diseases [Bosch] 2014
Global HIV/AIDS Report, the world in medicine [Stephenson] 2961
Influenza action plan, the world in medicine [Stephenson] 2961
Medical research activities, funding, and creativity in Europe: comparison with research in the United States [Philipson] 1394
Mental health of Cambodian refugees 2 decades after resettlement in the United States [Marshall] 571
Multidrug-resistant tuberculosis in Hmong refugees resettling from Thailand into the United States, 2004-2005, from CDC, 1753
1918 killer flu virus reconstructed, may help prevent future outbreaks [Mitka] 2416
Predisplacement and postdisplacement factors associated with mental health of refugees and internally displaced persons: a meta-analysis [Porter] 602
Preventing chronic disease, the world in medicine [Stephenson] 2423
Progress toward global eradication of dracunculiasis, January 2004–July 2005, from CDC, 2839
Protecting the mentally ill, the world in medicine [Stephenson] 297
Psychiatric and cognitive effects of war in former Yugoslavia: association of lack of redress for trauma and posttraumatic stress reactions [Başoğlu] 580
Refugee mental health, *JAMA* Patient Page [Ringold] 646
Seroprevalence of poliovirus antibodies among children in a Dominican community—Puerto Rico, 2002, from CDC, 548
Severe malnutrition assessment in children in rural Kenya (letter) [Hogness] (reply) 2577
Single-payer health systems and statistics (letter) [Starfield] 43 (reply) [Orient] 44
Volunteering overseas gives physicians a measure of adventure and altruism [Mitka] 671
Women in Rwanda: another world is possible [Cohen] 613
Work-related illness, injury, the world in medicine [Stephenson] 1890
World Health Organization
Efforts to meet world health goals lag [Mitka] 1600
Wound Infection
Wound infections, *JAMA* Patient Page [Torpy] 2122

X

X-Linked Adrenoleukodystrophy see Adrenoleukodystrophy

Y

Yugoslavia
Psychiatric and cognitive effects of war in former Yugoslavia: association of lack of redress for trauma and posttraumatic stress reactions [Başoğlu] 580

Z

Zinc
Dietary intake of antioxidants and risk of age-related macular degeneration [van Leeuwen] 3101
Studies probe diet's role in eye disease [Kuehn] 32